VOLUME 23 WINTER ISSUE 1977

medical alumni Bulletin

SCHOOL OF MEDICINE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

HEALTH SCIENCES
LIBRARY
AUG 15 1977

The *Medical Alumni Bulletin* is published quarterly by the UNC-CH Medical Alumni Association, Chapel Hill, N.C. 27514. Postage is paid by the nonprofit association through U.S. Postal Permit No. 24. All correspondence should be addressed to the editor at Box 528, N.C. Memorial Hospital 204H, Chapel Hill, N.C. 27514.

VOLUME 23 WINTER ISSUE 1977

medical alumni Bulletin

SCHOOL OF MEDICINE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Advisory Board
William B. Blythe, MD '51
John C. Herion, MD '51
John F. Lynch, Jr., MD '42
G. Philip Manire, PhD
S. Ray Mitchell '77
Thomas L. Pope '78
Judson J. Van Wyk, MD
Oscar L. Sapp III, MD,
Chairman, *ex officio*
John L. McCain, MD '50,
ex officio
William L. London, MD '55,
ex officio

Katherine Vansant, Editor

Photography:
Maury Faggart
Walker Montgomery
Lance Richardson

table of contents

"One of the Finest" 4
We asked you . . . and you told us 6
126 MacNider 10
AHEC—On Target 13
Extracts 16
The Culprit May Be Water 22
A New Approach to Patient Care 24
Who's Where 26

This issue marks a change to an exciting new format—a better-looking magazine for you at considerable savings to the Alumni Association.

It also marks a change of a different sort, for this is the last issue under the present editor. After a three-year association with the School of Medicine and with this publication, I have accumulated a long list of people to whom I owe thanks. Not the least of whom are you, the alumni, who have offered untold assistance through your ready comments and suggestions. Special thanks are also due Dr. Sapp, the presidents of the Alumni Association with whom I've worked, the Bulletin Advisory Board, the Executive Committee, and—of course—Dean Fordham.

As we went to press, the forms we sent you earlier this fall for alumni news were pouring in. There were so many, in fact, that we had room for only a small number in this issue. So if you sent in some news and don't see it between these covers, don't despair—it will be in next time.

On these pages you will find an article on the soon-to-be-constructed North Carolina Jaycee Burn Center, the results of last spring's survey of alumni, an update on AHEC, a description of the evils that lurk in our water supplies, and some notes on clinical immunology.

—K.V.

"One of the Finest"

by Dick Broom

Dr. Roger E. Salisbury says there is little doubt the North Carolina Jaycee Burn Center being developed at North Carolina Memorial Hospital "will be one of the finest burn units in the world."

Salisbury, a 36-year-old plastic surgeon, was last fall named director of the center, which will open in a little more than two years.

His confidence is based on several factors.

The burn center will draw on the varied resources of Memorial Hospital, a highly regarded teaching and referral center. Its close working relationship with the School of Medicine will also be an advantage. Salisbury, an associate professor of surgery, believes the burn center will have strong faculty support.

He says one of the most important things the center will have going for it is public enthusiasm and support. "This is really a product of the dream of the people of North Carolina," he says. "I am impressed by their awareness of the need to do more for burn patients. Their commitment will insure that we will have the money to get the job done."

Salisbury says he is especially grateful to the Jaycees of the state who sold jelly to raise money for the burn center. Their dedication and the public enthusiasm they have generated are largely responsible for bringing Salisbury to the director's post.

"Everyone wants to go where he can make a contribution."

As a teacher, he was attracted to the University because of its reputation for academic excellence and its environment—which, he says, encourages teachers to grow professionally.

"Also, Chapel Hill is a delightful place to live and raise children."

Salisbury and his family moved to Chapel Hill this fall from Philadelphia, where he was a resident in plastic surgery at Temple University Health Sciences Center. From 1971 until 1974, he was attending staff surgeon and chief of the surgical study branch of the U.S. Army Institute of Surgical Research at Brooke Army Medical Center, Fort Sam Houston, Texas. The author of a book and numerous articles on managing burn and trauma patients, he has produced four films on these topics.

Dennis R. Barry, general director of Memorial Hospital, has called Salisbury "one of the most skillful and highly respected men in his field."

As director of the new burn center, Salisbury will preside over a regional facility. It will treat acutely burned patients referred from hospitals throughout the South. The most obvious improvement over Memorial Hospital's existing six-bed burn unit will be its size. The 16,000-square-foot center will provide space for complete support facilities, in addition to 23 patient beds. A special elevator, designed as a mobile recovery room, will connect the burn center with an operating room especially equipped to handle burn cases.

The burn center will occupy the sixth floor of the Patient Support Facility, scheduled for completion in early 1979. Groundbreaking ceremonies for the 155,000-square-foot addition to the hospital were held January 15.

The burn center will be staffed by physicians, nurses, therapists, and other health professionals trained as a team to meet the special needs of burn patients.

Salisbury says the burn center will stress the "four Rs" of patient care: resuscitation, reconstruction, rehabilitation, and research.

Since the center will concentrate its efforts on the most severely burned patients, the initial challenge will be keeping them alive. After resuscitation and wound healing will come reconstructive surgery—repairing and rebuilding damaged tissues.

In many burn units systematic treatment stops when the patient is skin-grafted. Salisbury says that isn't enough.

"We are often proud of ourselves for just getting people out of the hospital alive," he says, "but an unacceptably high percentage of burned people who return home are never able to go back to work. That is why we are going to stress reconstructive surgery and rehabilitation to help patients get back into society."

The burn center will draw on the skills of occupational and physical therapists, social workers, and psychologists to help rehabilitate patients physically and emotionally.

The center's clinical and laboratory research effort will try to find better ways of preventing burns in North Carolina and of treating burn patients.

"Our current techniques have not appreciably reduced the mortality rate for patients with very large burns," Salisbury says. "An important mission of a burn center is to be innovative and investigate new procedures for caring for these patients. If someone is so badly burned that he is in the 100 percent mortality group, we will try anything we can to save him." He emphasizes that every patient will be cared for as an individual.

The research and educational functions of the burn center at Memorial Hospital will have far-reaching effects. Through close ties with business and industry, it will investigate new methods of burn prevention.

By continually training new health professionals from all over the state and country, the burn center is expected to contribute indirectly to improved care for virtually all burn patients.

Salisbury says he feels strongly that it will be a major responsibility of the burn center to disseminate information through lectures, audio-visual aids, and courses for personnel from smaller hospitals throughout the state and thereby support emergency medical care programs already in existence.

We asked you . . .

. . . and you told us!

Last spring the Alumni Office sent a questionnaire to all members of the Medical Alumni Association. We asked you what you thought about a number of things—alumni activities, the School of Medicine, North Carolina Memorial Hospital. A small but vocal group of 300 answered.

The two most popular features of the *Medical Alumni Bulletin* were alumni news notes and stories about medical school events. The importance of scientific articles drew mixed responses, as did pictures. Other choices favored by alumni included reports of postgraduate activities, notes on new and changing faculty, "Pearls" articles, and the dean's column. One respondent asked for more frequent publication.

Class get-togethers and socializing topped the list of favorites for class reunions and the Annual Alumni Meeting. Ninety-four of the replies came from folks who'd attended their last reunion. Thirty-nine said they had come to the annual meeting last year. Of the ones who attended neither, most were too busy, had conflicts, or were too far away. Four cited either lack of information or not enough advance notice about the meeting, and two indicated a lack of interest. Sixteen said their classes had had no reunions yet!

A number of people wanted to know about the physician

Alumni Bulletin	Very Important	Important	Somewhat Important	Not Important
Alumni news	152	70	25	5
Medical school events	131	96	19	5
Scientific articles	31	67	71	64
Pictures	47	80	70	33

Class Reunions

94 attended last class reunion

Activity enjoyed most:	
Class get-together	42
Fellowship/socializing	20
Banquet	7
Cocktail party	6
All	4
Program	2

Annual Meeting

39 attended the last annual meeting

Activity enjoyed most:	
Class get-together	8
Socializing	7
Scientific program	7
All	3
Banquet	3

placement service. This curiosity was supported by several comments, such as "Get me a helper."

Quite a few people—66—were unable to tell us whether or not their district had had an alumni meeting last year. But 176 indicated some interest in attending a district meeting this year, and 79 said they'd help with planning and promotion. One of those said, "Plan, yes. Promote, no." The annual social hour at Pinehurst in May received mixed reactions.

To mark the school's centennial in 1979, an alumni directory and an illustrated history will be published. Most indicated they would buy the directory if the price is right, but 98 gave a definite yes. Of the 43 who answered negatively, some cited age as a reason; others said they had bought the General Alumni Association Directory.

Saturday and Sunday were overwhelming favorites as days for the annual meeting. (We tried to change the days to the 1977 meeting to conform to your wishes, but we tried too late.) Most favored a one-day meeting, although 19 were unsure, and 148 wanted programs for spouses during the meeting.

Many people saw the Alumni Office as a source of news and whereabouts of their classmates. Nearly an equal number, though, value the physician placement service. Some voiced concern over admission of students to medical school, and others wanted calendars of events and continuing education courses. One simply said, "Make me feel needed and appreciated, ask me to do something, involve me in school, help me to remain interested in and proud of *my* school."

An overwhelming majority expressed concern about referring patients to North Carolina Memorial Hospital. Many said they either received no discharge summaries or got them very late. The comparisons to Duke were fairly frequent, with lack of communication about patients being the general theme. Quite a few suggested that hospital physicians need to write notes or call referring physicians about their patients. One said, "Patients referred are frequently 'lost' to the clinics and not referred back. Referral services too depersonalized in contrast to Duke."

Although most of those who responded to the questionnaire had not used the WATS line for contacting physicians at Memorial, the ones who had used it said they generally reached the physicians they were seeking. Several said communications had improved

Physician Placement Service
60 indicated they knew of the service
115 want to know about it

District Alumni Meetings
Was a meeting held in your district last year?

Yes	55
Unaware	66 (answered "?")

If a meeting is held in the current year, will you attend?

Yes or "?"	176

Would you be willing to help plan and promote such a meeting?

Yes	79

Social Hour at Pinehurst
21 attended in 1975
34 attended in 1974

Medical Alumni Association Directory
Will you purchase a copy?

Definitely yes	98
Depends on price	102
Probably not	43

Alumni Office
63 had visited the office
49 had received services:
Names and addresses
AHEC contacts

significantly since installation of the line, and one called for its expansion: "The line's often busy."

Opinions on ways the School of Medicine can better serve the state ranged from those satisfied ("Sail on.") to those who wished to see more primary care physicians, more continuing education courses, or better communication. Although we haven't space enough for all of the comments, the following excerpts express the varied tone:

—"Screen all applicants to the School of Medicine for aptitude and fitness to practice medicine."

—"You have lost touch with most alumni that I know. The philosophies that presently exist make most of us feel on the outside . . . . we often get the feeling that money is all you want."

—"Keep up the excellent help we get through telephone consultations and AHEC speakers to our local meetings."

—"I don't think it can (better serve the state). It seems to be too preoccupied with, 'God only knows.' "

—"Get up an all-encompassing, all-inclusive program of total medical care in all its ramifications for the State of N.C."

—"Continue same—avoid getting too large and impersonal."

—"Organization of review courses in specialty areas. Health care planning with dissemination of material and innovative methods of promoting these ideas to lay public."

—"Maintain and advance standards of academic excellence!"

Most convenient days for meetings in Chapel Hill:

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
1-day meeting	8	13	40	43	36	102	54
2-day meeting	8	9	18	45	93	146	103

Length of meeting:

1-day meeting	110
2-day meeting	72
Not sure	19

Should a program be planned for spouses?

Yes	148
No	53

Regarding N.C. Memorial Hospital

How often have you used WATS line (800-672-8271) for contacting physicians at N.C. Memorial Hospital?

10+ times	32
5-9 times	13
1-4 times	34
Not at all	126

What has been your experience in reaching the physician you were seeking?

Frequently reach him	86
Infrequently reach him	19
Never reach him	10

Discharge summaries:

Received promptly	36
Received but delayed	64
Rarely received	17

Physician at N.C. Memorial telephones report about referred patient:

Usually	39
Rarely	30

Although providing more primary care physicians was the most frequent long-range goal envisioned by alumni, the responses were as varied as the ones listed above. Again, a representative sampling:

—"Restore dignity to family practice and restore the pastoral dimension to the healing arts."

—"Continue its multifold approach to health care—help coordinate AHEC programs and implement thier goals."

—"To become one of the ten best med schools in the country."

—"One-half of the graduating class going into a family practice program. This would greatly help the economics of medicine. A good distribution of family practitioners would result in less hospitalization."

—"To graduate students who have (1) compassion for their fellow man and (2) a commitment to continued learning."

—"UNC School of Medicine has too long considered itself a state school only. It is a national resource and should address its alumni activities and organizations as such."

After reviewing the questionnaires, Associate Dean for Continuing Education and Alumni Affairs Oscar L. Sapp III said, "Although this is not a perfect mechanism, it has stimulated significant communication, which I consider vital if the school is to fulfill its commitment to the alumni. We are trying very hard to be responsive to alumni needs, and we welcome suggestions at any time."

126 mac nider

by Christopher C. Fordham III, MD

Many of you have seen news reports about the new health manpower legislation entitled "The Health Professional Educational Assistance Act of 1976"—Public Law 94-484 passed by Congress and signed by the President on October 12, 1976. Since this is an important piece of legislation in the health professional field, with implications for all of us, I should like to comment on it here.

Involvement of the federal government in medical and health professional education has grown steadily during the past several decades. Perhaps the first major commitment occured in the late 40s and throughout the 50s and 60s in the field of government-sponsored biomedical research. Partly as a result of the obvious benefits of medical research in the first half of the century, especially the prevention and treatment of infectious diseases, the support of biomedical research, largely through the National Institutes of Health, has represented a major national effort. And, in contrast to many other Western and developed countries, a major burden for conducting biomedical research in the U.S.A. has fallen upon the shoulders of the faculties of the medical schools. This has been a noble and worthy enterprise, and it has contributed substantially to the remarkable advances in basic and clinical knowledge and in skills and technology.

In the mid-1960s, as we all know, the federal government became far more deeply involved in financing direct patient services; this has subsequently become a significant part of the financing of academic medical centers, just as it has the care of patients in every other setting.

In the early 1960s, as the perception of a physician shortage was growing, the federal government made available institutional grants to encourage the creation of new schools and the expansion of existing schools. As late as 1971, the first bill that provided federal capitation payments to institutions for the education of students required an enrollment increase as a condition of receiving the capitation monies. It provided bonuses for shortened curricula and special project grants for a variety of educational objectives. In short, it established a *quid pro quo* relationship between the

federal government and the academic medical centers, through which institutional grants were made available to the schools in return for a promise to meet specific requirements, including enrollment increases, which were then construed by the Congress as a legitimate national objective. The 1971 act was for three years; in part it replaced the old "distress" grants that had been used to prevent the threatened closing of a number of financially marginal health professional schools. Because of the critical, although modest, role that these federal funds played in the budget of many of the schools, it was important that the 1971 legislation, providing capitation payments, be renewed in 1974. However, a continuing discussion and a lack of agreement in the Congress and among many of its constituencies concerning the precise provisions of a new act stalled the legislative process, and the 1971 program survived by continuing resolution with gradually diminishing funds. A renewal of this legislation in 1976 was therefore urgently needed if the institutions were to continue to receive this form of federal funding upon which many had become at least in part dependent.

During three long years of consideration of a variety of provisions, many *quid pro quos* were discussed and debated. Among them were proposals that would have required virtually every entering medical student to pledge at least two years of his/her life in government service in an underserved area. Very stringent residency proposals floated about. Mandatory further enrollment increases were seriously considered. There was much discussion among the congressional committees, their staffs, the profession, the academic community, and others.

As the legislative session in 1976 drew to a close, a conference was held to compromise the differences in the bills the House and Senate had each passed. From our point of view, it was hard not to be impressed with the thorough, thoughtful, and dedicated approach of those in Washington with whom we had contact during these deliberations. They were clearly trying to produce a bill that would meet what they construed to be their responsibilities to future health and medical care and to sustain the professional schools that provide the manpower.

Public Law 94-484 is an imperfect bill. But in general it is a far sounder piece of legislation, in my judgment, than might have resulted from the totality of the deliberations, some of which were strident. There is no requirement that every student entering medical school agree to give service in a place selected by the government as the price of going to medical school. There is instead an incentive program, provided by expanding the National Health Service Corps. There is no specific school-by-school requirement in terms of modifying the residency program toward primary care; instead, there is an aggregate national requirement, graduated over a several-year period, which most think is reasonable.

Should that aggregate or collective goal not be met, the legislation does provide for reversion to an individual school's performance for eligibility for continued federal funding. There is no required and continuing enrollment increase; this was of critical importance, since most of the schools, including our own, have expanded to the saturation point and since it now appears that the aggregate need for physicians and others will soon be met; problems of distribution by specialty and geography remain and are paramount. Instead of an enrollment increase the conference committee elected to create a requirement for American schools to accept in transfer at the third-year level those Americans enrolled in foreign medical schools before October 12, 1976, who had completed the equivalent of the first two years of medical school, could pass part one of the National Board, and could meet the school's admission requirements, other than residency and additional academic qualifications. In effect, the Congress selected a specific group of students and made them a pool from which the schools will each select a certain number at the third-year level in order to qualify for capitation funding and federal scholarships. This provision has seemed to most of the schools to be unwise and unfair. At a time when the application to medical school success rate has dropped nationally from 42

percent to 35 percent, it is certainly as important as it ever was for the admissions process to be fair, equitable, and as thoughtful as possible. Many students who have not gained admission to medical school have undertaken graduate work in related fields or hospital employment or have entered other health professions. Some, many of whom had strong resources behind them, have gone abroad to medical school, in recent years mostly to Italy or Mexico. Several of the foreign schools exact large tuition and fees, and it is generally thought that the educational experience in these foreign schools does not come up to the standards of American schools. Notwithstanding all of these considerations, a substantial pool of these students will be mandated into American medical schools by the Congress in return for federal funding of our institutions.

Now I do not despair about this. The principle of *quid pro quo* has long since been established. I think the Congress made a mistake when it passed this provision at the end of the line and in the face of an urgent need to reach a compromise in order to get a bill. It will be important that undergraduate students seeking admission to medical school not pursue the foreign route on the assumption that this provision will be available to them. It will also be urgent for there to be a numbers limitation on student transfer requirements by the schools, so that the quality of the institutions and the educational experiences of the students who have gained admission through the normal competitive process not be impaired. It is my conviction that these and other pertinent ameliorating considerations will be provided by the Congress.

Despite the generally negative response to this provision, which has been conveyed to members of Congress and to the public, Public Law 94-484, the Health Manpower Law of 1976, is generally a sound law. And the process by which it came into being was, for the most part, impressive.

AHEC—On Target

by Judy Flynn
UNC-CH News Bureau

At a time when rural America is pleading for doctors, when there is a nationwide push to get more physicians in underserved areas and into "front-line" practice, North Carolina has developed a statewide program to help answer its own health care problems.

The North Carolina Area Health Education Centers (AHEC) program, under the leadership of the School of Medicine, has become a model program in the national effort to train more primary care physicians and improve their geographic distribution.

Its goal? In the words of AHEC Director Glenn Wilson, the program seeks to improve the quantity and quality of all health personnel in the 100 counties of North Carolina and to bring about a better distribution of personnel by geography and specialty.

Predominantly a rural state, North Carolina seemingly has few characteristics that would make solution of its health manpower problems easy. The state ranks 12th in size geographically, is 42nd in terms of per capita income, and has 55 percent of its population living in towns of less than 2,500.

Yet the doctor/patient ratio in nonurban North Carolina has improved 12.5 percent in the past eight years compared to a 2.5 percent improvement for similar counties in the rest of the United States. This year, instead of an anticipated 6,378 active, nonfederal practitioners in the state, North Carolina has 6,900 physicians—nearly 600 more than the earlier projection.

"It's too early to state with certainty what AHEC's impact is going to be," says Wilson, an associate dean and professor of medical economics in the School of Medicine. "But we know that since AHEC began in North Carolina there has been a significant increase in the numbers of physicians over what was anticipated."

In 1972, when Congress awarded five-year contracts to 11 universities to establish AHECs, UNC-CH was among those selected. Each school is a participant in a national experiment designed in part to encourage more doctors to practice in rural areas and to go into "front-line," or primary care, practice rather than into specialties.

Today nine of the nation's 27 AHECs are in North Carolina. Each—based at a major community hospital or group of hospitals—serves as a regional center for health manpower education and training with a program tailored to the health manpower needs of the area.

Centrally coordinated by the School of Medicine in cooperation with its sister schools of dentistry, nursing, pharmacy, and public health, AHEC has also developed partnership roles with the Duke University Medical Center, the Bowman Gray School of Medicine, and the developing

A resident in family practice checks for swollen glands.

medical school at East Carolina University. Each has agreed to provide the primary university support for an AHEC region.

Involved also are 21 major hospitals in the state, technical institutes and community colleges, and five UNC campuses. Together these hospitals and schools provide North Carolina with decentralized medical, dental, public health, and pharmacy education and seek to strengthen the nine AHECs' capacity for training allied health and nursing personnel.

One of the program's major thrusts has been the development of residency training programs around the state.

"We know that doctors tend to set up practice close to where they did their residency training," says Dr. Eugene Mayer, deputy director of the North Carolina AHEC program. With this in mind, the North Carolina General Assembly has committed AHEC to the development of 300 new primary care residencies in North Carolina by 1980. Of these, more than half will be in family medicine with the remainder in general internal medicine, pediatrics, and obstetrics and gynecology.

Five new primary care residency programs have already been established. In Asheville, AHEC headquarters for the western part of the state, 12 new medical school graduates arrived last summer to begin training in family medicine at the Family Practice Center.

Similar three-year residency training programs in family medicine have also been established at the Fayetteville AHEC by the Duke University Medical Center, at the Northwest AHEC—Boone, Hickory, and Salisbury—by the Bowman Gray School of Medicine, and at Greenville under the leadership of East Carolina University. Primary care residency training programs have been expanded in Charlotte, Greensboro, Chapel Hill, and Duke-Watts, and a new residency program in internal medicine has been established at Wilmington.

Residency training programs, such as the one in Asheville, may prove to be a major key to improving the supply and distribution of doctors in North Carolina.

How does Dr. Harry H. Summerlin, director of the Family Practice Center, assess what the new residency program may do for Asheville and the surrounding mountain communities?

"We want to keep our residents in North Carolina. That's the main thing," Summerlin says. "But primarily we see our program as a source of practicing physicians for our region."

Summerlin cites data from the Medical College of Virginia to reveal a goal of his program. "A total of 80 percent of their graduates in family medicine who completed family practice residencies in communities of less than 12,000 stayed on to practice in the area," he says.

Dr. Bruce Elliston, who like Summerlin is a UNC faculty member based in Asheville, agrees with him. "We hope our residents like to live in this part of North Carolina so much that when they complete their training they'll stay on."

But residency programs aren't the whole answer. Through AHEC almost 3,000 continuing education and inservice education programs have been conducted in more than half of the state's 100 counties. In 1975 nearly 700 clinical rotations were completed by medical students in the state's nine AHEC centers. These off-campus training opportunities also have been offered to numbers of nursing, pharmacy, public health, dental, and allied health students.

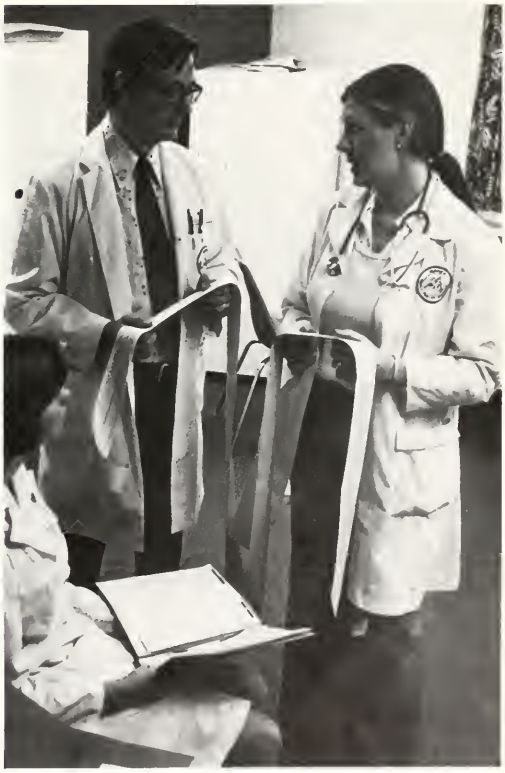
Summerlin feels AHEC has already had an impact in his region. "I can't put my finger on it exactly," he says, "but I do know that since we got the residency program we're attracting other physicians to the area. They like the idea they can keep their skills sharp by having residents accompany them on hospital rounds or rotate through their clinics," Summerlin says. "They like the fact that through the AHEC program they have access to continuing education courses, visiting UNC faculty, and speakers."

Summerlin's experience is illustrated in part in Wilmington. During a recent two-year period the town recruited 28 doctors. Of these, 22 cited the opportunities for teaching medical students and residents and for regular continuing education as important factors in their decisions.

Last year all graduates of the family practice residency program at Moses Cone Hospital in Greensboro remained in North Carolina. In the past several years residents completing training at the Charlotte Memorial Hospital have resulted in nearly 100 new practicing physicians in the state.

AHEC Director Wilson cautions that it will take several years before we know if the problem of health manpower distribution has largely been solved in North Carolina. "But we think we're on the right course."

States like Kansas, Texas, and Kentucky back Wilson up. They continue to examine the North Carolina AHEC program in ever-increasing numbers for answers to their own health manpower problems.



Dr. Harry H. Summerlin, Jr. consults with a lab technician and a nurse about EKG results in Asheville's Family Practice Center.

extracts

New Chairman of Pharmacology Announced

A scientist whose research has focused on the study of the molecular basis of hormone action has been named professor and chairman of the department of pharmacology.

Dr. John P. Perkins, presently on the faculty of the University of Colorado Medical Center in Denver, will on March 1 succeed Dr. Paul L. Munson, a nationally respected endocrinologist who has chaired the department since 1965. Munson, who is Sarah Graham Kenan Professor of Pharmacology and Endocrinology, will return to full-time teaching and research.

"Dr. Perkins is a first-rate scientist and teacher and a worthy successor to our present

distinguished chairman, Dr. Paul Munson," said Dean Christopher C. Fordham III in announcing the appointment. "He will bring many talents and broad interests to this important chairmanship. I am delighted with this appointment and grateful to the search committee and the faculty."

Since 1968 Perkins has taught the basic medical pharmacology course at the University of Colorado Medical Center and has lectured on subjects that include drug-receptor interaction, parasite and cancer chemotherapy, local anesthetics, and pharmacology of the endocrine systems.

In 1969 he was chosen to receive a Merck Faculty Development Award. Since 1972 he has been the recipient of a Research Career Development Award from the National Cancer Institute. During his career at the University of Colorado, he has also served as a special reviewer of grant applications for the National Science Foundation.

The 39-year-old Phoenix, Arizona, native is a graduate of Arizona State University, where he received the BS and MS degrees. He also was

awarded the PhD degree from Yale University in 1966.

Before joining the University of Colorado faculty, he studied at the University of Washington at Seattle for two years under a postdoctoral fellowship from the U.S. Public Health Service.

He is the author of numerous publications concerned with his research and is editor-in-chief of the *Journal of Cyclic Nucleotide Research*. He also serves on the editorial boards of *The Journal of Pharmacology and Experimental Therapeutics*, *The Journal of Molecular Pharmacology*, and *The Journal of Biological Chemistry*.

Gottschalk Receives Hume Award

The National Kidney Foundation has named Dr. Carl W. Gottschalk the recipient of the David M. Hume Memorial Award. The award, named for the surgeon who in 1955 performed the first successful renal transplant, is presented annually to the doctor who has made outstanding contributions in the field of nephrology.

Gottschalk, who is Kenan Professor of Medicine and Physiology, also serves as

Career Investigator for the American Heart Association. His development of a technique to study nephron function in mammals facilitated the understanding of kidney function in health and disease.

During the Johnson administration Gottschalk served as chairman of the special committee on kidney disease for the Bureau of the Budget. This committee recommended the national program of federal aid for patients requiring treatment for end-stage renal disease.

Gottschalk, who is currently president of the American Society of Nephrology, has also been an active member of the National Kidney Foundation's scientific advisory board.

Oliver R. Rowe Honored for Medical School Endowment

The University of North Carolina at Chapel Hill thanked Charlotte industrialist Oliver R. Rowe with a banquet November 30 for his endowment of a chair in the School of Medicine.

The chair will be occupied by the director of the North Carolina Jaycee Burn Center at the North Carolina Memorial Hospital.

Several hundred members of the University community, Rowe, his family, and a number of his friends attended the banquet.

Rowe is president of the 14-company Rowe Corporation, former president of the Charlotte Symphony, and a driving force behind both the Mecklenburg school consolidation and the creation of the University of North Carolina at Charlotte.

Presiding at the affair was Henry A. Foscue, High Point furniture executive. Charlotte businessman William T. Harris delivered the invocation. Both Foscue and Harris are past presidents of the Co-Founders' Club of the School of Medicine.

Dr. John L. McCain, president of the Medical Alumni Association, spoke in

appreciation of the Rowe gift. He was joined by Dr. Colin G. Thomas, Jr., professor and chairman of the department of surgery, and Dennis R. Barry, general director of North Carolina Memorial Hospital.

Born in Tennessee in 1902, Rowe was graduated from UNC-CH in 1925 with a bachelor of arts in engineering. He finished at the top of his class.

Armed with his degree and a Phi Beta Kappa key, Rowe went to work full time for R. H. Bouligny, Inc., a small engineering and contracting firm in Charlotte. By 1931 he had climbed the ladder from field engineer to vice-president. He became president in 1966.

Rowe and Bouligny continued to build their sprawling company "in a rather informal fashion" until Bouligny's retirement and death in 1971. At this point the surviving partner decided to reorganize the enormous worldwide business into a single 14-company business, the Rowe Corporation.

Over the years Rowe has become known as Charlotte's cultural Mr. Fix-It. And it's been said that when he takes on a cause, the opposition may as well throw in the towel, for he always reaches his objective.

Dr. Edward Staab (third from left) explains the CT scanner to state legislator Dallas Alford and hospital board member Mrs. Britt Armfield. Alford and Armfield were among a group who attended a legislative briefing session at the hospital in December.

Computerized X-ray Scanner Installed

Physicians at N.C. Memorial Hospital are using a new computerized X-ray scanner in the diagnosis of tumors and other internal disorders.

The machine, a computed tomography (CT) scanner, can produce remarkably detailed, cross-sectional pictures of almost any part of the body. The procedure is fast, safe, and painless.

Several major hospitals in the state are now using computerized brain scanners, but the unit at Memorial Hospital is currently the only whole-body scanner in North Carolina. It has been in operation since late September. The cost of the apparatus was $400,000.

The CT scanner represents an advance over the ordinary X-ray machine as a diagnostic tool, says Dr. Edward V. Staab, director of the division of imaging in the radiology department. X-rays can produce two-dimensional images of bones, organs, and tissues. The scanning method adds the third dimension of density.

By visually revealing differences in density, the scanner enables physicians to distinguish between healthy and diseased tissues and to detect even minute tumors, cysts, blood clots, and other abnormalities. In some cases they can make a precise diagnosis without further testing.

"The scanner gives us exquisitely detailed images of internal structures," Staab says. "Not only can we see what is in the body, we are now better

able to tell what the various structures are."

Each image can be produced in about two minutes, and a complete study usually takes less than thirty minutes. Staab says that for many patients it eliminates the need for other diagnostic procedures, some of which are quite painful and carry a degree of risk.

Scanning does not require the injection of air or chemicals into the body, though dye is sometimes injected to enhance the image. The patient experiences very little discomfort. The procedure requires about the same radiation exposure as do other radiographic procedures.

Computerized body scanners have only been in use since 1972, but Staab says they have already had a great impact on the diagnosis of diseases.

"Referral patterns are definitely changing. More patients are now being sent to neurologists and neurosurgeons who have access to one of these machines. The simple reason is that the scanners allow us to make more accurate diagnoses and to take better care of people than we ever could before."

Hackenbrock Named Chairman of Anatomy

A specialist in cell biology has been named professor and chairman of the department of anatomy at the School of Medicine.

Dr. Charles R. Hackenbrock, whose appointment is effective June 1, is presently on the faculty of the University of Texas Southwestern Medical School in Dallas. He will also direct the anatomy department's electron microscope laboratory.

Hackenbrock succeeds Dr. H. Stanley Bennett, reproductive biologist who has chaired the department since 1969. Bennett, Sarah Graham Kenan Professor of Anatomy, will return to full-time teaching and research.

In announcing the appointment Dean Christopher C. Fordham III said, "Dr. Hackenbrock is a highly respected scientist, teacher, and scholar and therefore a worthy successor to our present distinguished chairman, Dr. H. Stanley Bennett. He will bring important dimensions in ultrastructure and cell biology to this campus."

Since 1971 he has been professor of cell biology and director of electron microscope laboratories at the University of Texas Southwestern Medical School, where he has also served as chairman of the faculty awards committee.

A native of Brooklyn, New York, he received the BS degree in 1961 from Wagner College in New York City. He was awarded the PhD degree in 1965 from Columbia University College of Physicians and Surgeons, where he studied on an NIH predoctoral fellowship.

A former member of the anatomy faculty at Johns Hopkins University School of Medicine, he was also an assistant in anatomy in 1961 at Columbia University. Hackenbrock is a 1976 Nobel Symposium Lecturer and a research associate in herpetology at the Staten Island Zoological Society in New York City.

He is the author of more than 40 articles. He holds membership in a number of professional societies, including the American Association of Anatomists, American Society of Biological Chemists, American Society for Cell Biology, New York Academy of Sciences, Electron Microscopy Society of America, and American Institute of Biological Sciences.

Many of you know that our Dean, Dr. Christopher C. Fordham III, has been appointed Vice Chancellor for Health Affairs at the University of North Carolina at Chapel Hill effective January 1, 1977, succeeding Dr. Cecil G. Sheps. He will continue to serve as Dean of the School of Medicine.

Workmen are busy transforming the vacant smoke well near the hospital's blood drawing lab into the John M. Reeves All Faiths Chapel. The chapel will have 1,144 square feet of floor space and will provide seating for about 65. It is expected to be completed by March 15. Funds for the project were provided by the family of the late John M. Reeves of Pinehurst and the North Carolina Department of the American Legion. The Clancey & Theys Construction Company of Raleigh is the general contractor for the project.

Brenner Named Upjohn Professor of Obstetrics and Gynecology

Dr. William E. Brenner has been named the first Upjohn Professor of Obstetrics and Gynecology at the School of Medicine. A member of the faculty since 1969, he is internationally recognized for his research on prostaglandins. He has also done research on complications of pregnancy, fetal growth, and the physiology of pregnancy and labor.

For three years Brenner was director of research and training of the International Fertility Research Program when it was a unit of the Carolina Population Center in Chapel Hill. He is the author of more than 100 articles relating to his research and serves on the editorial advisory board of the *Journal of Reproductive Medicine*.

He is a graduate of Adelbert College of Western Reserve University School of Medicine, where he was elected to Alpha Omega Alpha medical honorary society. He received postgraduate training in obstetrics and gynecology at the University Hospitals of Cleveland.

Brenner's affiliations with professional societies include the American College of Obstetricians and Gynecologists, Robert A. Ross Obstetrical and Gynecological Society, American College of Surgeons, American Association for the Advancement of Science, Society of Gynecological Investigation, American College of Clinical Pharmacology, and South Atlantic Association of Obstetricians and Gynecologists.

1977 Annual Alumni Meeting March 24 & 25 Chapel Hill

1977 Distinguished Service Awardees:	And reunions for these classes:
T. Albert Farmer, MD	
William T. Harris	1927
John T. Manning	1947
Mary Margaret McLeod, MD	1957
Samuel Dace McPherson, Jr., MD	1962
George Penick, MD	1967

Faculty Publications

Charles H. Hendricks, MD; James R. Dingfelder, MD; and Walter S. Gruber, MD. Clinical observations with a prostaglandin-containing silastic vaginal device for pregnancy termination. *Prostaglandins* 12: 99-122, 1976.

Alton L. Steiner, MD, and William Austin Spruill. Immunohistochemical localization of cyclic nucleotides during testicular development. *Journal of Cyclic Nucleotide Research* 2: 225-39, 1976.

Robert D. Croom III, MD, and Jim Starling, MD. Acute jejunogastric intussusception. *American Surgeon* 42: 778-81, 1976.

Bernard E. Statland, MD, PhD; Laurence M. Killingsworth, PhD; and Per Winkel, MD. Factors contributing to intra-individual variation of serum constituents: 6 physiological day-to-day variation in concentrations of 10 specific proteins in sera of healthy subjects. *Clinical Chemistry* 22: 1635-38, 1976.

Frank C. Wilson, MD, and George C. Venters, MD. Results of knee replacement with the Walldius prosthesis. *Clinical Orthopaedics* 120: 39-46, 1976.

Philip F. Hirsch, PhD. A brief look at the past, present, and future. *N.C. Dental Journal* 59: 16-17, 26, 1976.

Barry Goz, PhD, and Mary L. Thomas. Parathyroid hormone inhibition of inducation of alkaline phosphatase activity by hydrocortisone and 5-iodo-2'-deosyuridine in HeLa cells. *Experimental Cell Research* 59: 422-24, 1976.

Joseph S. Pagano, MD; Chien-Hui Huang; and Yung-Tsun Huang. Epstein-Barr virus genome in infectious mononucleosis. *Nature* 263: 787-89, 1976.

John B. Graham, MD. The phenotypic range of hemophilia A carriers. *American Journal of Human Genetics* 28: 482-88, 1976.

Bruce Brodie, MD. Effects of sodium nitroprusside and nitroglycerin on tension prolongation of cat papillary muscle during recovery from hypoxia. *Circulation Research* 39: 596-601, 1976.

Seymour L. Halleck, MD. Family therapy and social change. *Social Casework* 57: 483-93, 1976.

Enid R. Kafer, MD (Sydney). Idiopathic scoliosis: gas exchange and the age dependence of arterial blood gases. *Journal of Clinical Investigation* 58: 825-33, 1976.

Maria Gispert, MD, and Ruth Falk, PhD. Sexual experimentation and pregnancy in young black adolescents. *American Journal of Obstetrics and Gynecology* 126: 459-66, 1976.

Joseph A. Buckwalter, MD, and Colin G. Thomas, Jr., MD. Cancer of the thyroid. *Advances in Surgery* 10: 245-85, 1976.

The Culprit May Be Water

by Judy Flynn
UNC-CH News Bureau

Some 50,000 Americans—complaining of fever, loss of appetite, headaches, and upset stomachs—will come down with infectious hepatitis this year.

While they recover from damaged livers—sometimes in isolation in expensive hospital beds—they miss weeks and occasionally months from their jobs or school.

The culprit? Polluted water.

Since 1919, when chlorine was first added to a water supply in Jersey City, New Jersey, bacteria-related diseases like cholera, dysentery, and typhoid have virtually been eliminated.

But chlorination hasn't meant the end of polluted water. Ironically, the acceptable levels of chlorine used to kill bacteria in water don't necessarily wipe out what may be another threat—water-borne viruses like infectious hepatitis.

It is this inability to monitor viruses in water that has scientists and public health researchers increasingly concerned about water-safety standards.

"We're not waving a red flag," cautions biophysicist Dr. D. Gordon Sharp of the School of Medicine. "We don't necessarily know that water-borne viruses are a tremendous hazard. But we do know that there are certain cases where virus epidemics have definitely been traced to bad water."

Sharp, a professor of biophysics, has studied viruses for more than 40 years. Currently his research is focused on the well-documented polio virus—which, like infectious hepatitis, can be transmitted through water.

Funded by a three-year grant from the Environmental Protection Agency, Sharp and Dr. Don Johnson, a professor in the department of environmental science and engineering in the School of Public Health, are working on a project that is part of a national research program aimed at improving the world's water supply.

The UNC-CH scientists are investigating just one narrow aspect of water purification. "Our part of this national plan is to look at the behavior of virus in water in a more or less general way," Johnson said, "so that we can understand basically what we have to do to get rid of it."

One of the things Sharp and Johnson are looking for is information on how fast chlorine acts on viruses under various conditions. It's their hope

that such information will lead to better ways of providing clean and safe water.

The Sharp and Johnson partnership combines the expertise of the School of Public Health in the areas of chlorine chemistry and practical field knowledge with that of the School of Medicine and its familiarity with the behavior of viruses in people and in the laboratory.

A major part of their observations so far has been the realization that when particles of the same virus are clumped together in bunches they survive better than individual or single particles.

"This is a subtle thing," Sharp said. "The difference in the resistance of the clumps of virus to chlorine may be hundreds of times greater. So purifying water to be sure that you give it enough chlorine treatment to get all the bunches is a serious matter."

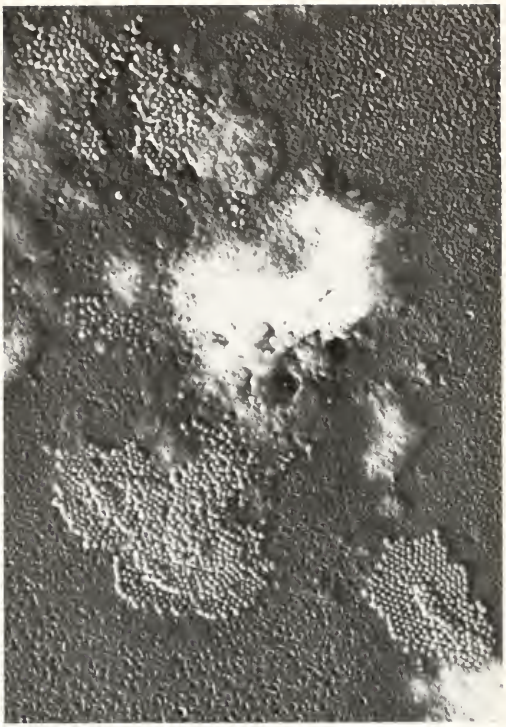
In 1956 more than 20,000 persons in India came down with infectious hepatitis. "The source," Johnson said, "was the New Delhi water supply—even though that water carried levels of chlorine that the United States requires and considers safe for its own water supply.

"Although both bacteria and virus yield to some extent to the same chlorine treatment," Johnson said, "we would need to use 20 to 100 times as much chlorine to kill virus."

That amount of chlorine would be totally unacceptable to most of us. Not only would the water taste bad, but such high levels of chlorine also react with natural organic compounds in the water to produce chloroform, a carcinogen.

"Part of the problem is for us or someone to find out what physical state the virus is in in water," Sharp said. "Is it really in bunches out in University Lake, for example, or not?"

Because there isn't enough virus in naturally polluted water to do very many experiments, the scientists add a few infected cells, in which virus is present in great numbers, to the water in the laboratory. Then, using a method very much like what they think happens in the field, they break open the cells and release the virus.



A photograph of poliovirus showing typical clumps associated with debris of the infected cell from which they have been released. Magnified 54,000 times.

Finally the virus is whirled about in a centrifuge, forcing it to join together in bunches. Once in clumps, it is examined under an electron microscope. This electron microscopic method for measuring virus bunches, invented by Sharp, allows scientists actually to look at the miniscule bunches of virus and see what chlorine does.

"I think it's easy to look back in history to not many years ago when people were looking at the bacterial count of water and saying, 'I think these little bacteria are making people sick.' The average person might have said, 'Why bother with this? We've got enough problems already. Why do we have to change our ways?'

"Well those same arguments apply now to viruses that are transmitted through water. We don't know that water-borne viruses are a big problem. We do know, however, that there are certain cases where there is a clear indication that the spread of some virus epidemics can be traced to bad water."

Physician Placement Service

Oscar L. Sapp III, associate dean for continuing education and alumni affairs, describes the physician placement service as a means of getting towns who need doctors in touch with doctors who need towns.

Dr. Sapp operates the service in a low-key, casual manner. Whenever he hears that a community is looking for a particular type of physician—internist, obstetrician, whatever—he keeps his ear to the ground for alumni who might be ready to move. Then he gets the two together.

The system also works in the opposite way. Sometimes, he says, alumni or former housestaff will write or call saying they would like a change. He again matches physician with town by writing to the parties involved.

Although it sometimes takes a little time to put physicians and communities in touch with each other, Dr. Sapp says he sooner or later finds leads for those who write or call him. And after he's exhausted his leads, he refers the town or doctor to AHEC's physician recruitment program.

Any alumni who want to find out more about the service should contact Dr. Sapp at the Alumni Office, 236 MacNider 202H, UNC-CH School of Medicine, Chapel Hill, N.C. 27514.

The rapidly growing field of clinical immunology is providing physicians with important new diagnostic tools—and a new approach to patient care.

Tests performed in immunology laboratories enable scientists to document various facets of the body's complex immune system. Test results, in turn, assist physicians in the diagnosis and treatment of a number of diseases.

Dr. Laurence R. McCarthy, director of North Carolina Memorial Hospital's Clinical Microbiology Laboratories, says immunological advances in the past ten years have resulted in a closer relationship between the clinical and basic sciences.

For instance, he says, advances in measuring the compatibility of two persons' cells have enabled physicians to perform kidney transplants as a fairly common treatment for renal failure. Such tests are also necessary before other organs can be transplanted, because cell compatibility helps predict whether a patient will reject a transplanted organ.

McCarthy said that one of the most important areas of immunology is the ability to identify patients whose immune systems are unable to protect them against routinely encountered bacteria. Some patients are born with defective immune systems. Others develop immune deficiencies as they get older.

If a patient is suspected of being immunodeficient, tests performed in the laboratory will either confirm or deny this suspicion and will identify the particular type of deficiency from which the patient suffers. The key, McCarthy said, is to

A New Approach to Patient Care

by Katherine Vansant

recognize the potentially immunodeficient patient early.

Other tests performed in the laboratory play roles in the treatment of persons with immunodeficient diseases. In some cases, McCarthy said, physicians can perform bone marrow transplants that will give patients the cells necessary for a health immune system. Before such transplants can be done, extensive blood and cell typing tests are necessary to measure compatibility.

Dr. James D. Folds directs the immunology and serology sections of the laboratory, which perform tests relating to immunodeficiency. Although tests for tissue compatibility are not now being performed in the hospital's laboratories, he says he hopes to be able to do them within a year.

He adds that he knows of only two or three other clinical laboratories in the country that offer as wide a range of tests as the one at Memorial. He explained that this laboratory serves a number of patients with varied diseases. Through laboratory tests physicians can monitor patients with collagen vascular diseases, rheumatoid diseases, cancer, and others, such as salmonella and Rocky Mountain spotted fever.

The clinical immunology laboratories at Memorial Hospital are unusual, Folds said, in that very few hospitals of comparable size have such laboratories. He said that most immunological testing is done in research labs, which are not primarily involved in patient care.

The immunology lab here grew out of a research lab, McCarthy said. Dr. William Yount, professor of medicine and bacteriology, ran a clinical lab section in his research lab for several years. The facility moved to its new quarters on the first floor of the hospital in January, when it became part of the clinical microbiology laboratories.

Memorial's clinical immunology program, McCarthy said, is one of a very few programs in the country that train scientists to run clinical laboratories. He has started an interdisciplinary postdoctoral program in clinical microbiology here and hopes to start another in clinical immunology within a year.

Both McCarthy and Folds characterize these programs, among the first in the country, as the wave of the future. Postdoctoral programs and board certification will soon be required of all clinical immunologists, they said.

The laboratory at Memorial is unusual in other ways, too. Folds said he is very impressed by the cooperation between the physicians and the laboratory scientists. "We are lucky to have a group of physicians who are also sophisticated immunologists," he said. "They are willing to contribute to our work."

McCarthy stressed the importance of looking at diseases immunologically. Noting that both basic scientists and physicians are still "learning when and how to use the lab and what some of the test results mean," he predicted that the future of the field lies in prognosis—predicting how well a given patient will recover from a disease or predicting a patient's susceptibility to certain diseases.

who's where

30s

HENRY HARRILL '31 writes, "I retired from practice of urology May 31, 1976."

W. O. FOWLER '31 has moved from 1214 Kuhl Avenue, Orlando, Florida, to 510 East Florida Street in Orlando. Zip 32806.

HUBERT PATTERSON '35 participated as a panelist on a television program on biliary tract surgery while he was in Chicago in October for the 62nd Clinical Congress of the American College of Surgeons.

WILL LASSITER '36 moved about two years ago to his birthplace, a 100-year-old restored house outside Smithfield. He writes, "I am enjoying being a 'Country Squire' but still have an active family practice in Smithfield."

SHERWOOD BAREFOOT '36 is practicing in a four-man group of dermatologists, Greensboro Dermatological Associates.

40s

RAYMOND WHEELER '41 and WILLIAM C. SUGG '51 have moved their office from 1900 Brunswick Avenue, Charlotte, to 2711 Randolph Road, Suite 100 in Charlotte 28207.

LOUIS HAYMAN '42 has moved his office to the Onslow Medical Plaza on Western Boulevard in Jacksonville. The mailing address is P.O. Box 507, zip 28540.

EDWIN BOYLE '45 is now at the Medical College of South Carolina in Charleston.

The lead article in the September issue of the *American Family Physician's Journal*, "Management of Ocular Foreign Bodies," was by IRA ABRAHAMSON '46, who also serves on the editorial board of the journal. In October Ira received the Honor Award from the American Academy of Ophthalmology and spoke at several meetings of professional societies.

50s

JACK KIRKLAND '50 is the father of a baby girl, who weighed in September 5 at 6 pounds, 1 ounce.

GEORGE JOHNSON '50 showed and discussed a film, presented a paper, and conducted a discussion on vascular disease in a postgraduate course at the 62nd Clinical Congress of the American College of Surgeons in Chicago in October. BEN WILCOX '57 moderated a surgical forum session.

REGGIE TUCKER '55 says he's enjoying a good job, immedite *past* president of UNC Medical Alumni. Reggie's on the School of Medicine's centennial committee.

LEONARD WOODALL '56 writes that he has remarried and that he is the stepfather of two teenagers.

BILL WOOD '56 moderated the scientific session of the annual fall meeting of the N.C. Society of Internal Medicine at Hot Springs, Virginia.

BEN WILCOX '57 presented a paper entitled "Pulmonary Input Impedance in Children with Left-to-Right Shunts and Pulmonary Vascular

Obstructive Disease" at the 49th annual scientific session of the American Heart Association.

FRED STOWE '58 is practicing pediatric neurology and pediatrics with Richard S. Kelly, WILLIAM POWELL (Housestaff), and FRANK SHAW (Housestaff) at 1606 Morganton Road in Fayetteville. Before joining the Fayetteville Children's Clinic, Fred was in San Antonio, Texas.

THOMAS WOOD '59 is now at the Hilton Head Hospital in Hilton Head, South Carolina.

NORMAN DEROSIERS '59 resigned as director of the Alcoholic Rehabilitation Center in Butner last July to enter private practice in Winston-Salem.

60s

HENRY TURNER '62 was recently promoted to associate professor of anesthesiology at Bowman Gray School of Medicine.

JOE CALLICOTT '62 has moved to 2315 Link Road, Lynchburg, Virginia, from 3312 Skyview Place in Lynchburg. The zip is 24503.

KIVETTE BOWMAN '64 is now at the Lenoir County Mental Health Center in Kinston.

KIRBY KILPATRICK '64 has moved from Boulder, Colorado, to Southern Pines. His address: 140 Halcyon Drive, zip 28387.

NEIL LOVE '65 is in Beaufort, South Carolina. He receives mail c/o BERNARD CREDLE '66, Star Route 1, Box 286-A. Zip code 29902.

JAMES ABELL '66 has been named lecturer in community medicine, and LEW SIGMON '66 has been appointed clinical instructor in community medicine at Bowman Gray.

DON PRINTZ '66 is living at Silver Hill Road, Stone Mountain, Georgia 30087.

BEV TUCKER '66 practices with his brother REGGIE '55 and RODDY DRAKE '71 in Henderson. Very active in tennis, he is the father of four children, including 5-year-old twin girls.

RHODERICK WILLIAMS '67 is practicing radiology at Halifax Memorial Hospital in Roanoke Rapids.

WAYNE FLYE '67 is at Walter Reed, where he is practicing general and thoracic surgery with a subspecialty in vascular and transplantation. His home address is 6032 Cheshire Drive, Bethesda, Maryland 20014.

P. G. ARNOLD '67 is now living at 310 8th Avenue SW, Rochester, Minnesota 55901.

GERALD BLAKE '67 is practicing internal medicine and infectious diseases with BOB BILBRO '66, Bill Dunlap, and ALLAN EURE '67 in Raleigh. Gerald, who has a son and a daughter, lives at 3821 Merton Drive. Zip 27609.

JIM HUNDLEY '67 and his family moved to Wilmington in August after two years in the Air Force in Fort Worth, Texas. Jim, who's practicing orthopaedic surgery, writes, "I permanently gave up golf at Pinehurst in the spring of 1976." He, his wife, and their three children live at 1934 South Churchill Drive. Zip 28401.

ERICH SCHWEISTRIS '68 receives mail at 7667 Maple Avenue, Apt. 503, Takoma Park, Maryland 20012.

CHARLES DAYTON '69 is

an assistant professor of anesthesiology here. He lives at 111 Taylor in Chapel Hill 27514.

EDWARD LESESNE '69 has joined the staff of the Haywood County Hospital in Waynesville. His home address is 1 Riverbend, Canton 28716.

HUGH GRANT '69 became a diplomate of the American Board of Obstetrics and Gynecology in November.

70s

PHILIP MAY '70 has moved from New Haven, Connecticut, to 288 Highland Road, South Orange, New Jersey 07079.

JAMES GOODWIN '70 has come back to North Carolina from Florida. He's living at 1740 Parker Lane in Henderson. Zip Code 27536.

ROBERT JONES '70 is at the Naval Medical Research Institute in Bethesda, Maryland.

From CHIP CRUMLEY '70: "I was recently elected a deacon in our church, secretary-treasurer of the county medical society, and chief-of-staff at Crowell Hospital. Barbara and I, our three children, and basset hound live in Lincolnton about a block from everything. I am in private practice in internal medicine and like the small-town atmosphere. We are looking forward to a class reunion in 1980."

STEPHEN GREEN '70 is completing an infectious disease fellowship here and plans to go into practice next July. He and Sue have three daughters, two of whom are identical twins.

GILBERT WHITE '71 is an instructor in the division of hematology here.

MICHAEL KING '71 lives at 109 Williamsburg Drive, Belleville, Illinois 62221. He moved there from Augusta, Georgia.

GEORGE VENTERS '71 and Frank C. Wilson, chief of

orthopaedic surgery at UNC-CH, coauthored a paper, "Results of Knee Replacement with Walldius and Geometric Prostheses: A Comparative Study," that Wilson presented at the joint meeting of the North and South Carolina Orthopaedic Associations. George, who practices in Raleigh, is a clinical instructor at the medical school.

JOHN CUTTINO '71 is in the radiology department here. He lives at 112 East Village Lane, Chapel Hill 27514.

LARRY ADAMS '72 and several other members of the imaging division of the department of radiology presented papers at the meeting of the southeastern chapter of the Society of Nuclear Medicine in Louisville, Kentucky.

DWIGHT HEDGEPETH '72 writes, "I have completed my residency in family practice at Moses Cone Hospital. I am now working as an emergency room physician at Cone."

CHRIS HEATON '72 is practicing obstetrics/gynecology in Raleigh. His office is at 3803 Computer Drive, Suite 200B.

SUSAN '73 and GENE SHERMAN '70 have a new daughter, Jill Deborah, born August 3. Gene is completing his tour of duty as a cardiologist at the Naval Regional Medical Center in Great Lakes, Illinois. Susan is completing an endocrinology fellowship at Northwestern University Medical Center. They plan to move West next year and enter private practice.

WILLIAM FAHRNER '73 has moved from Oklahoma City to New Orleans. His address is 8200 Palm Street, Apt. 233, Zip 70118.

GEORGE COLCLOUGH '74 is in the emergency room at the hospital in Smithfield. His mailing address is P.O. Box 1990. Zip 27577.

MICHAEL BROTHERS '74 is in a surgical residency at the University of Colorado Affiliated Hospitals in Denver. He lives at 5300 Cherry Creek South, Apt. 1423. Zip code 80222.

DON FIDLER '75 is now living at 506 Bayberry Drive in Chapel Hill. Zip 27514.

STEVE GOODEN '75 has moved from San Francisco to Elizabethtown. He receives mail at P.O. Box 896, zip 28337.

housestaff

WAYNE SCHUPBACH is practicing dermatology with the Nalle Clinic in Charlotte. Also associated with the clinic are LUTHER KELLY '46, FITZGERALD HIESTAND (Housestaff), HOWARD HINSHAW '66, WALTER HILDERMAN '40, EDWARD HIPP '45, and JOHN BEARD '64.

in memoriam

We have received word of the death of HARRIS H. BASS '63, who had practiced in Seattle, Washington since his graduation from medical school. He is survived by a son, Paul Hartwell Bass, and a sister, Elizabeth Ann Bass.

BENNETT WATSON ROBERTS '22 of Durham died March 19, 1976. His wife; two sons, SURRY PARKER ROBERTS '66 and Bennett Watson Cowper Roberts; and a sister survive.

SAMUEL E. WAY '31 died in Rocky Mount on November 24, 1976.

MARCUS E. BIZZELL '24 died October 10, 1976.

In the fall issue of *The Bulletin*, we reported that FRED SAUNDERS '54 had died on April 7, 1975. We were wrong. Fred is alive, but his father died in 1975. We express our condolences to Fred and regret any confusion caused by this error.

McAllister Honored

Hugh A. McAllister, Jr. '66, chairman of the department of cardiovascular pathology at the Armed Forces Institute of Pathology, Washington, D.C., has been named the winner of the annual Casimir Funk Award for "outstanding accomplishments in the field of cardiovascular disease."

McAllister, a lieutenant colonel in the U.S. Army Medical Corps, was presented the award on November 3 by the Association of Military Surgeons of the U.S. (AMSUS).

The award is sponsored by USV Pharmaceutical Corporation, a subsidiary of Revlon, Inc. The award citation to McAllister reads, "For outstanding contributions to cardiovascular research, teaching, and treatment of cardiovascular disease."

A native of Lumberton, he was selected by the AMSUS awards committee from all of the individuals recommended by the federal medical services throughout the world.

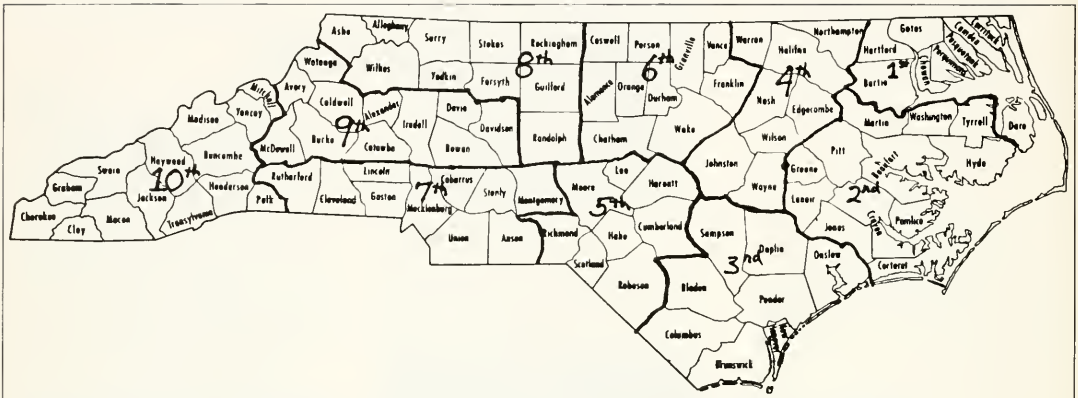
McAllister was graduated from Davidson College in 1961. He interned at Walter Reed and was a resident there and at the Armed Forces Institute of Pathology.

He is a member of numerous professional committees and societies, including the American Society of Clinical Pathologists and the American Heart Association. He is a fellow of the American College of Cardiology and a member of the editorial board of the *American Heart Journal*.

McAllister is the recipient of five scholastic academic awards, including the Isaac Hall Manning Award from the School of Medicine. In 1971 he was certified by the American Board of Pathology.

His bibliography includes 39 papers, 30 abstracts, professional exhibits at 18 medical conventions, and a coauthorship of a monograph to be published next year on *Tumors of the Cardiovascular System*.

He lives in Great Falls, Virginia, with his wife, Barbara, and their two daughters, Kimberly and Leigh. His parents, Dr. and Mrs. Hugh A. McAllister, Sr. '35, reside in Lumberton.



Council Votes Changes in Constitution

At its fall meeting on October 30, 1976, the Medical Alumni Council voted on several important changes in the Medical Alumni Association's Constitution and Bylaws.

The most significant is reducing the number of alumni districts from twenty to ten. These districts will coincide with the North Carolina Medical Society Districts and will be represented on the Council by two members each. There will also be seven additional at-large Councillors, two of whom will live outside North Carolina.

The Council also voted to add a third section to Article 3 to provide for the Executive Committee of the association. This committee, which shall meet at the call of the president, consists of the officers of the association, the chairman of the Loyalty Fund, the chairman of the Visiting Committee, the dean of alumni affairs, and the immediate past president of the association.

Other changes include deletion of the term *Medical Advisory Council* from the Constitution since that body no longer exists and amending the duties of the president to include his presiding at meetings of the Executive Committee and appointing individuals to committees and other nonelected offices as necessary. The latter includes his appointing the chairman of the Loyalty Fund Drive.

calendar

February

24	Alumni Meeting—District 13 Charlotte
24-25	Malignant Disease Symposium: Gynecologic Oncology for Practicing Physicians Chapel Hill

March

1	Postgraduate Course: Gerald W. Fernald, MD, Department of Pediatrics Halifax Memorial Hospital, Roanoke Rapids
8	Postgraduate Course: Leslie A. Walton, MD, Department of Obstetrics/Gynecology Edgecombe General Hospital, Tarboro
9-12	Internal Medicine Symposium Chapel Hill
24-25	Annual Alumni Meeting Chapel Hill
24-25	Cancer Research Seminar Chapel Hill

April

22-23	Third Annual Postgraduate Course in Perinatology Chapel Hill
29-May 1	Radiology of the Abdomen Chapel Hill

May

9	Postgraduate Course: James Laningham, MD, DVM, Department of Pathology Onslow County Hospital, Jacksonville
14	Medical Management of the Rape Victim Charlotte
15	Commencement
18	Postgraduate Course: Noel B. McDevitt, MD, Department of Surgery Albemarle Hospital, Elizabeth City
20-21	Infectious Diseases Symposium Chapel Hill
22-25	Gynecology Conference Great Smokies Hilton, Asheville
25-28	Oral Motor Dysfunction—Physical Therapy Workshop Berryhill Hall, Chapel Hill
27-28	Rheumatology Symposium Chapel Hill

June

12	Postgraduate Course: Lawrence W. Moore, Jr., MD, Department of Ophthalmology Halifax Memorial Hospital, Roanoke Rapids

To obtain more information about any of these events, contact the Office of Continuing Education and Alumni Affairs, 236 MacNider 202H, Chapel Hill, North Carolina 27514. Phone (919) 966-4161.

Medical Alumni Bulletin
Box 528
N. C. Memorial Hospital 204H
Chapel Hill, N.C. 27514

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, N.C.
Permit No. 24

HEALTH SCIENCES
LIBRARY
AUG 15 1977

Medical Alumni Bulletin

VOLUME 23 SPRING ISSUE 1977 SCHOOL OF MEDICINE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

HEALTH SCIENCES
LIBRARY
AUG 15 1977

Alumni Meeting Issue

The *Medical Alumni Bulletin* is published quarterly by the UNC-CH Medical Alumni Association, Chapel Hill, N.C. 27514. Postage is paid by the nonprofit association through U.S. Postal Permit No. 24. All correspondence should be addressed to the editor at Box 528, N.C. Memorial Hospital 204H, Chapel Hill, N.C. 27514.

Medical Alumni **Bulletin**

Advisory Board
William B. Blythe, MD '51
John C. Herion, MD '51
John F. Lynch, Jr., MD '42
G. Philip Manire, PhD
S. Ray Mitchell '77
Thomas L. Pope '78
Judson J. Van Wyk, MD
Oscar L. Sapp III, MD,
Chairman, *ex officio*
William L. London, MD '55,
ex officio
James H. M. Thorp, MD '57
ex officio

Editor
John W. Stokes

Contributing editors
Dick Broom
Judy Flynn
Katherine Vansant

Table of Contents

Reunions '77	6
'Joe Pat' heads for the hills	12
Extracts	15
Notables	18
Admissions: how it works	20
Classnotes	22

If the readers of this magazine share similar attributes with alumni of other institutions of higher education, this column will be among the last to be read in the magazine. Surveys by institutional advancement organizations reveal that readers tend to look first at the alumni magazine's classnotes section, then browse from back to front.

The editors of this publication hope you were pleased with the classnotes section this issue. In the future, alumni news will be a major *Bulletin* component. Alumni response to the 'What'cha been up to?' questionnaire made this issue's ample classnotes section possible; it is hoped future mailings will attract even more response.

The audience, as well as the content, of the magazine has been expanded somewhat this issue. For the first time, circulation of the *Bulletin* has been extended to all former housestaff of the North Carolina Memorial Hospital. The compilation of this list and development of a computer program to make these data compatible with the Medical Alumni Association's listings was an arduous process. It is hoped that readers will be patient if duplications occur. It may take awhile for this new system to shake down.

Finally, you will note from the following initials that there's a new *Bulletin* editor. Comment about the magazine, both brickbats and bouquets, are sincerely solicited.

—JWS

Fellow Alumni . . .

This has been a year of significant progress for the Medical Alumni Association, with emphases on reorienting programs to suit your wishes, improving communications and involving the association in decision-making to a greater degree than ever before.

Your response to a membership survey following Reggie Tucker's remarks a year ago helped the fall council meeting to concentrate on reshaping association programs in keeping with your stated wishes. Watch for a report on how this will be done in a future *Bulletin.*

And to keep you better informed between quarterly issues of the *Bulletin,* a newsletter was started this year.

With your creation of the executive committee this past year the association decision-making process has been broadened, formalized and has become more businesslike. Helping the executive committee to facilitate its work have been such committee chairmen as Jack Watters, finance; Jack Kirkland, bylaws; Bill Blythe, public communications; Will London, activities and longrange planning and G. Watson Pugh, visiting.

This past year the executive committee:

Realigned council districts (with council approval) in keeping with North Carolina Medical Society districts.

Acted on committee recommendations to improve communications between alumni and the *Bulletin* staff.

Met with you at the district level to determine better ways to serve you. Another such meeting is planned for Asheville later in the spring. Thanks are due chairmen Ed Garrabrant in Raleigh; Willis Grant, Winston-Salem; Rose Pulley, Kinston; Julian Albergotti and Tom Fox, Charlotte.

Established a Medical Alumni Association Faculty Distinguished Service Award to be given annually starting in 1978 to a fulltime UNC faculty member.

Identified the need for writing letters indicating our interest and concern to alumni

parents whose children applied to the UNC School of Medicine.

Alerted the School of Medicine to a need for enhanced training in geriatrics for students and residents in primary care programs.

Appointed an ad hoc committee chaired by John Rhodes to pursue expressed interest in a Senior Graduates Club.

Recommended to undergraduate class officers the publishing of an annual Medical School yearbook.

Supported a Tom Thurston recommendation to make tape recordings of selected faculty members at their retirement.

Recognized past presidents by conducting the annual meeting in their honor and providing for a wall plaque honoring them in the Medical School.

Followed through on many recommendations of last year's reunioning classes.

Supported Dr. Oscar Sapp's request for additional administrative help.

Conducted, through Jack Watters, Dr. Sapp and his staff, a loyalty fund campaign which, thanks to your generosity, was very successful.

In addition, there were many other activities in which the association was involved in your behalf. Working with others we presented alumni certificates to graduating seniors; pursued preparation of an alumni directory, to be out in 1979, with thanks to Betsy Parker; continued updating the now-computerized alumni roster; assisted through Dr. Sapp's office in placing physicians in areas of need in the state; participated in centennial planning and held successful social functions.

There are many to whom I am grateful, but in particular I would mention the guidance and support of Dr. Oscar Sapp, Betsy Briscoe and Betty Neilson; Dr. W. R. Berryhill; Dean Chris Fordham and my wife, Betty.

It has been an honor to work with you, the alumni. I look on this year past as one of outreach and the broadening of our involvement so we can better serve both the medical interests of the state, and our own interests as well.

Thank you for affording me this opportunity.

John L. McCain, M.D.
Immediate Past President

'27

'47

1977 Reunions 1977 Reunions 1977 Reunions

'57

'62

'67

Professors

Leadership changes

The Medical Alumni Association installed new officers and councilors during activities here last month. William L. London, '55 of Durham became president. James H. M. Thorp, '57, of Rocky Mount is president-elect.

Other officers include George S. Edwards, '57 of Raleigh, vice president; W. Paul Biggers, '63, of Chapel Hill, secretary, and H. Durwood Tyndall, '54, of Goldsboro, treasurer.

Councilors, all elected for three year terms, include:

William M. Crutchfield, '66, of Elizabeth City and Jay Fred Saunders, '54, of Aulander, District-I; Thomas Craven, '58, of Wilmington and Henry Neill Lee, '56, of Lumberton, District-II; Lawrence M. Cutchin, '62, of Tarboro, District-IV; H. Maxwell Morrison, '57, of Pinehurst, District-V; Donald L. Copeland, '63, of Winston-Salem, District-VIII, and A. Sherman Morris Jr., '59, of Asheville, District-X.

J. Thomas Fox Jr., '60 of Charlotte and John L. Watters, '50, of North Caldwell, N.J., were named councilors-at-large.

Past-Presidents Saluted

The 1977 annual meeting of the Medical Alumni Association honored former MAA presidents, and provided for the installation of a wall plaque bearing their names in the School of Medicine. Many of the former presidents were present for a luncheon honoring them during alumni activities in Chapel Hill in late March.

The former presidents are:

1930-32
*Frank C. Smith, '19, Charlotte
32-33
*Julian A. Moore, '16, Asheville
33-34
*J. W. Tankersley, '04, Greensboro
34-35
*W. W. Sawyer, '01, Elizabeth City
35-36
*A. Bryon Holmes, '08, Charleston, S. C.
36-37
*W. D. James, '06, Howlet
37-38
*Donnell B. Cobb, '19, Goldsboro
38-39
*B. Whitehead McKenzie, '14, Salisbury
39-40
*John Cotten Tayloe, '20, Washington
40-41
*Claude B. Squires, '17, Charlotte
41-42
*Karl B. Pace, Jr., '12, Greenville
42-43
Corbett Howard, '23, Goldsboro
43-44
*Ben Gold, Sr., '18, Rocky Mount
44-47
*George Carrington, '18, Burlington
47-48
*A. H. London, '25, Durham
48-50
Shahane Taylor, Sr., '19, Greensboro
50-51
Claiborne Smith, Sr., '16, Rocky Mount
51-52
*William Coppridge, '16, Durham
52-53
Roy B. McKnight, '18, Shallotte
53-54
M. D. Bonner, '28, Greensboro
54-55
Fred C. Hubbard, '16, North Wilkesboro
55-56
Verne H. Blackwelder, '27, Lenoir
56-57
*Adam Thorpe, Sr., '19, Rocky Mount
57-58
Milton Clark, '35, Goldsboro
58-59
W. R. Stanford, '17, Durham
59-60
Kenneth B. Geddie, '19, High Point
60-61
John S. Rhodes, '27, Raleigh
61-62
Hugh McAllister, '35, Lumberton
62-63
*Harry Brockmann, '15, High Point
63
*R. L. Pittman, '08, Fayetteville
63-64
Isaac V. Manly, '44, Raleigh
64-65
Thomas G. Thurston, '39, Salisbury
65-66
John Lynch, Jr., '42, High Point
66-67
John R. Chambliss, 43, Rocky Mount
67-68
*H. McLeod Riggins, '22, Seattle, Washington
68-69
James E. Davis, '42, Durham
69-70
H. Haynes Baird, '40, Charlotte
70-71
Charles L. Herring, '55, Kinston
71-72
Harold L. Godwin, '45, Fayetteville
72-73
William W. McLendon, '56, Chapel Hill
73-74
Lewis S. Thorp, '50, Rocky Mount
74-75
Julian S. Albergotti, Jr., '55, Charlotte
75-76
G. Reginald Tucker, '55, Henderson
76-77
John L. McCain, '50, Wilson

*Deceased

1977 Distinguised Service Awards

The School of Medicine selected five persons, including four UNC-CH alumni, March 25 to receive its highest honor, the Distinguished Service Award.

Those honored were: Smithfield native Dr. Thomas Albert Farmer Jr., vice president for health affairs and chancellor of the University of Tennessee Center for the Health Sciences; Charlotte's William Thomas Harris, chairman of the board of Harris-Teeter Super Markets; John Taylor Manning, a Chapel Hill and Hillsborough attorney; Dr. Mary Margaret McLeod, the first pediatrician to practice in Sanford, and Dr. George Dial Penick, professor and chairman of the department of pathology at the University of Iowa College of Medicine.

Mr. Manning

Mr. Harris

Dr. McLeod

Dr. Farmer

Dr. Penick

'Joe Pat' heads for the hills

NOTE: Joseph F. Patterson, MD, '38, has retired as professor of anesthesiology in the School of Medicine. The accompanying article, by Judy Flynn of the UNC News Bureau, highlights Dr. Patterson's career to date.

More than 50 years ago "Pat's Place," a lemonade stand on the Neuse River in New Bern was opened for business. The proprietor was 7 years old.

"Unfortunately this energetic attempt of mine to serve the community wasn't too successful," recalled Dr. Joseph F. Patterson Jr., professor of anesthesiology in the School of Medicine at the University of North Carolina at Chapel Hill.

That lemonade stand, like a lot of childhood dreams, just didn't prosper.

Since that time, however, Patterson's efforts have met with much greater success. He has made numerous contributions to the state and has seen many of his dreams fulfilled.

Honored recently by a seminar and reception hosted by the department of anesthesiology, 'Joe Pat,' as he is known, looked back over his career in the company of more than 300 of his friends and colleagues.

Among his many achievements are the establishment of a model outpatient anesthesia and surgery program that can cut hospital surgical costs by 50 per cent, and leadership in efforts to attract anesthesiologists to North Carolina. As permanent president of the UNC-CH Class of 1938 he also has spearheaded efforts to establish an international student center on campus.

But anesthesiology hasn't always been Patterson's field. The 60-year-old New Bern native and his brother Dr. F. M. Simmons Patterson, who is now director of the Area Health Education Center program in Greenville, practiced general surgery in their hometown before 'Joe Pat' had to give up the surgeon's scalpel.

When illness forced him to switch specialities he elected anesthesiology, he said, in order to remain in the operating room. He regards his surgical experience as a tremendous help in setting up what he feels has been his most significant contribution—N.C. Memorial Hospital's Day-Op program.

Under Patterson's leadership the outpatient anesthesia and surgery program, which allows patients to return home the same day as surgery, has become a model for university-based ambulatory surgery programs.

"We're not the first," he said, "but nobody has promoted the concept of ambulatory surgery like we have." Equally important as the obvious financial savings of such a program, he said, is that patients no longer are separated

from their families overnight following many surgical procedures.

When Patterson founded the placement service of the N.C. Society of Anesthesiologists in 1968, the state had the lowest ratio of anesthesiologists per capita in the nation.

By letter, telephone and in person he surveyed the needs of the state's communities. By 1975 he was able to report the number of practicing anesthesiologists had increased 25 per cent.

"Now," Patterson said, "I've done all I know how to do in anesthesiology. It's time to do something else."

With their two dogs and matching Carolina rocking chairs, Patterson and his wife, the former Alice McIlhatten of Hatboro, Pa., will head to their home in the North Carolina mountains. His wife, he said proudly, in addition to raising four children, finished her undergraduate degree at Carolina in 1970 and was graduated Phi Beta Kappa.

But the Pattersons aren't planning on rocking into retirement. Although he won't be practicing medicine, he has a number of projects to keep him active. Besides renovating the old, T-shaped farmhouse they purchased near Lansing in Ashe county, he expects to spend time approaching North Carolina foundations for support of The Class of 1938 Endowment.

As chairman of the gifts committee of the Class of 1938, Patterson worked for years to raise money for an international center on campus. Today the class's endowment supports international student activities on campus and also funds summer fellowships to send UNC-CH juniors abroad for study.

Athletic events also will bring the Pattersons back to Chapel Hill. Patterson and his brother give Carolina's most prestigious sports award, the Patterson Medal, each year to the outstanding senior athlete. First awarded in 1924, the medal since 1949 has been presented in memory of Patterson's father, the late Dr. Joseph F. Patterson of New Bern.

"We're looking forward to coming back to the University," Patterson said. "particularly to my class's 40th reunion in 1978. It's nice not to *have* to retire," he added. "We have a happy attitude instead of a sad feeling."

Extracts

Berryhill, AHEC are honored

The North Carolina Area Health Education Centers (AHEC) program and the man who laid the foundation for it have been honored by the American College of Physicians.

The prestigious professional society presented the first Richard and Hinda Rosenthal Foundation Award to the AHEC program in recognition of its innovative approach to the complex problem of distributing health personnel by geography and specialty.

The new award, given "to that individual or organization whose original approach to the delivery of health care . . . will increase its clinical and/or economic effectiveness," was presented in Dallas in April.

Also honored at the national meeting was Dr. W. Reece Berryhill, dean emeritus of the UNC-CH School of Medicine. He was named a Master of the College, the highest level an individual can attain in the 62-year-old organization.

Satellite offers outpatient dialysis

When the Carr Mill Shopping Village opens in Carrboro this spring, it will include something that few shopping malls have—a hemodialysis unit for treating people with chronic kidney disease.

The unit will be a satellite facility of North Carolina Memorial Hospital.

The Carr Mill unit will offer patients several advantages over in-the-hospital treatments, says Vincent Kaval, Memorial Hospital's planning director.

"It is far less expensive to dialyze patients in this kind of limited care facility than in the hospital," Kaval explained. "Also, it will be more convenient for a lot of people and it will provide a much more relaxed and comfortable environment for the patients."

The staff of the Carr Mill unit will include two specially trained registered nurses, four hemodialysis technicians and a social worker who is familiar with the problems dialysis patients often encounter. Physicians will make daily visits to the unit.

The facility will include eight machines for treating chronic dialysis patients and three reserved for patients being taught to dialyze themselves at home. The entire home training program will be transferred from the hospital to the satellite unit.

The dialysis unit on the first floor of the hospital, which can accommodate up to eight patients at a time, will remain in operation. Although some chronic dialysis patients will continue to be treated in this unit, it will be used primarily for patients with acute kidney problems.

Trauma Center coordinates special care

Highway crashes, fires and gunshots can instantly alter the course of a human life, or end it.

Last year, 55,000 people in North Carolina suffered some kind of serious injury. More than 2,000 died. Violent injury—trauma—was the leading cause of death among North Carolinians between the ages of five and 35.

When someone is badly hurt, his chances of survival may be only as good as the emergency care he receives, says Dr. Herbert Proctor, clinical director of the State's Emergency Medical Services program, and associate professor of surgery at UNC-CH.

"Our community hospitals are quite capable of dealing with most common injuries. But studies have shown that people with critical injuries, involving several organ systems, have a better chance of living if they are quickly transferred to a large, regional hospital."

Proctor heads a special Trauma Service at North Carolina Memorial Hospital. The function of the Service is to provide coordinated specialty care for trauma victims whose injuries may involve several vital organs.

The work of the Trauma Service begins in a specially equipped section of the Emergency Room. Within seconds after a trauma victim arrives, a team of surgeons and nurses is monitoring vital signs and assessing injuries.

"This team is headed by a general surgeon who's a specialist in the care of traumatized patients," Proctor says. "He knows where all injuries come in the spectrum of threat to life, and he has to be able to deal first with whatever is likely to kill the patient first."

Following stabilization in the ER, patients whose injuries involve several organ systems might be admitted to a 15-bed unit operated by the Trauma Service. Others are admitted to one of the specialty services for treatment of a particular injury.

The Trauma Service, which oversees the direct, immediate care of patients, is just one part of the Trauma Center developed by Memorial Hospital and the School of Medicine. The Center's activities, in addition to patient care, include trauma research and education. Proctor said that since 1970 the Center's research laboratories have been awarded more than $700,000 in grants.

"Since most of our deaths in the Trauma Service are the result of head injuries, that's where we're concentrating our research efforts. We especially want to find out how the brain is affected by shock, which many trauma victims suffer, and how we can treat shock to increase the patient's chances of recovery."

Also under the broad umbrella of the Trauma Center is the University's Highway Safety Research Center, which currently has on file information about more than one million automobile accidents. This information is being used in studies of the effects on trauma of such car safety devices as seat belts and energy-absorbing steering wheels.

As part of the Trauma Center's educational activities, staff members visit community hospitals to participate in training sessions on emergency care.

Office furnishes special skills

Good teaching in any field requires a specialized set of skills, geared to meet specific learning situations. And teaching in medical school presents situations that can challenge even the most sophisticated medical educator.

The medical school's Office of Medical Studies is a source of advice on curriculum development, teaching methods, learning-resource design and program evaluation for individual faculty, course committees and AHEC instructional staff.

Dr. Merrel Flair, director of the office, says his staff of professional educators works "as a partner" with the faculty to improve teaching and learning. "We help them wrestle with the elusive relationship between what they teach and what makes a competent practitioner," he says.

This assistance includes working with educational policy and course committees to develop teaching programs. And it also includes answering more specific requests, such as how to integrate teaching responsibilities with clinical or research activities.

An often-asked question, Flair notes, is how faculty can present the maximum amount of material in the limited time available. Other instructors express concern about being more responsive to individual students.

He explained that faculty employ a number of different methods—lectures, small-group discussions, self-paced instruction, seminars, independent research, concentrated study and clinical teaching at the bedside—to augment or restructure their teaching activities. The medical studies staff works with individuals to select the techniques best suited to the teaching situation, the subject to be taught and the teacher's personal strengths.

Instructors also can pick up tips on designing and producing learning materials—such as self-instructional units, simulated patient management problems or small-group exercises—for their students. Or the staff can simply suggest existing teaching devices that will communicate most effectively, Flair said.

Sometimes materials need to be made available to the students. In these cases, he explains, the staff helps departments or divisions establish learning-resource centers, which are like small libraries with a variety of educational materials.

One particularly difficult task is evaluating a student's performance in a clinical setting, he said. The medical studies staff has developed techniques for measuring problem-solving and clinical decision-making skills. And they are continually exploring new possibilities.

Flair emphasized that the office does not see itself as a judge of the ultimate goals and content of the courses taught at the School of Medicine. "But we can help clarify and analyze key educational factors involved in the decisions faculty members must make."

To explore these factors with the faculty, the office sponsors several workshops each year. They also invite guest lecturers and publish a quarterly newsletter to inform professors of current teaching projects, new resources and research activities.

Cellular study

Traffic jams on the back roads of the blood stream are not uncommon. But are they harmful?

A group of researchers in the School of Medicine at the University of North Carolina at Chapel Hill is trying to find out if blood cells that are too inflexible to squeeze through capillaries are harmful to normal tissue function. An $88,000 grant from the National Heart, Lung and Blood Institute will fund their study for two years.

Dr. George Johnson, Jr., chief of the division of general surgery, and Dr. James Wood, head of the laboratories of shock and cellular metabolism, are heading the research effort.

Notables

WILLIAM H. BOWERS, MD, assistant professor of surgery, was inducted as a member of the American Society for Surgery of the Hand at the recent meeting of the American Academy of Orthopaedic Surgeons in Las Vegas, Nev. CHRISTOPHER C. FORDHAM III, MD, vice chancellor for health affairs and dean of the medical school, spoke at the Commission of Public-General Hospitals State University Seminar, hosted by the University of Minnesota, Minneapolis, Feb. 11-12. He spoke on the mission and organization of public hospitals from the perspective of serving the practicing community. WILLIAM J. WADDELL, MD, is the new chairman of the pharmacology department at the University of Louisville School of Medicine. A graduate of UNC-CH and the UNC-CH School of Medicine, he was a member of the faculty here until 1972, when he was named professor of pharmacology at the University of Kentucky. At the time he left Chapel Hill, he was an associate professor of pharmacology, professor of oral biology and associate director of the Dental Research Center.

FRED W. ELLIS, MD, PhD, was a participant in a fetal alcohol workshop sponsored by the National Institute on Alcohol Abuse and Alcoholism in San Diego. With JAMES R. PICK, DVM, as coauthor, he presented a paper entitled "Ethanol Dose-Response Relationships in a Beagle Model of the Fetal Alcohol Syndrome." Ellis is professor of pharmacology and Pick is director of the division of laboratory animal medicine. R. PAGE HUDSON Jr., MD, professor and chairman of the division of forensic pathology, presented three papers to a meeting of the American Academy of Forensic Sciences in San Diego. Hudson discussed "Paraldehyde Deaths in North Carolina," "Motorcycle Deaths in North Carolina," and "Isopropyl Alcohol Poisoning."

GEORGE JOHNSON, JR., MD, professor and chief of vascular surgery, moderated a symposium on complications of vascular surgery at a meeting of the Association for Vascular Surgery held in Duck Key, Fla. JOEL B. BASEMAN, PhD, associate professor of bateriology and immunology, chaired a recent workshop in the biology of *Treponema pallidum*, the organism that causes syphillis. The workshop was sponsored by the National Institute of Allergy and Infectious Diseases. FRANK C. WILSON, MD, professor and chief of orthopaedic surgery has been named president-elect of the Association of Orthopaedic Chairmen. He will take office as president at the conclusion of the 1977 meeting of the association.

HARRIE R. CHAMBERLIN, MD, professor of pediatrics and director of the division for disorders of development and learning, has been appointed to the professional services program committee of United Cerebral Palsy of North Carolina. He previously served on the medical advisory board, a predecessor of the current committee. THOMAS W. FARMER, MD, Sarah Graham Kenan Professor of Neurology and Medicine, is president-elect of the American Board of Psychiatry and Neurology for 1977. An active member of this organization for many years, he has served as treasurer during the past year and has been on the board of directors since 1969. MORRIS A. LIPTON, MD, PhD, Sarah Graham Kenan Professor of Psychiatry and Director of the Biological Sciences Research Center, was elected president of the American College of Neuropsychopharmacology at the organization's annual meeting in New Orleans.

LORCAN A. O'TUAMA, MD, associate professor of neurology, pediatrics and medicine, recently spent two days as a visiting investigator in the laboratory of Dr. Bruce Schrier of the National Institutes of Child Health and Development in Washington, D.C. During this time he developed methods for the isolation and maintenance of neural barrier tissues in cell culture. These tissues are of considerable neurological interest because they may participate in important neuroendocrine control mechanisms and are selectively affected in certain encephalopathies, such as heavy metal poisoning. L. M. KILLINGSWORTH, MD, associate director of clinical chemistry laboratories recently participated in the Technicon International Congress on Advances in Automated Analysis and Information Systems at which he chaired a session on immunochemistry/immunology, and co-authored with Ms. Carol Britain and Dr. John Butts a paper titled "CSF/Serum Specific Protein Ratios in the Diagnosis of Neurological Disease."

WALTER E. STUMPF, MD, PhD, professor of anatomy and pharmacology, has been invited to present a paper at a conference on autoradiography in pharmacology and toxicology, which will be held in Uppsala, Sweden, this month. He has also been invited to present a paper at a conference on neuroendocrine control of reproduction in Wurzburg, Germany, July 25-29. PIERRE MORELL, PhD, associate professor of biochemistry, has been appointed to a four-year term on the Neurology—A Study Section of the National Institutes of Health. This group provides scientific review for research grants in the fields of neurology and neurobiology that are submitted to NIH for funding. SUZANN K. CAMPBELL, PhD, is serving a three-year term as director of the Society for Behavioral Kinesiology. The assistant professor of physical therapy is also a member of the graduate education committee of the American Physical Therapy Association. In January she presented a workshop on applied neurophysiology for the Michigan Chapter of the American Physical Therapy Association.

WILLIAM B. BLYTHE, MD, professor of medicine, has been named editor of *The Kidney*, the journal of the National Kidney Foundation. JOSEPH S. PAGANO, MD, director of the Cancer Research Center, attended the 31st annual meeting of the Southern Society of Clinical Investigation in New Orleans last month. He delivered a lecture on "The Epstein-Barr Virus, Latency and Malignancy: Molecular Bases."

Faculty Publications

BRUCE BRODIE, MD, instructor in medicine, "Effects of Sodium Nitroprusside and Nitroglycerin on Tension Prolongation of Cat Papillary Muscle During Recovery from Hypoxia," *Circulation Research* 39:596-601, 1976. SEYMOUR L. HALLECK, MD, professor of psychiatry, "Family Therapy and Social Change," *Social Casework* 57:483-93, 1976. ENID R. KAFER, MB, BS, associate professor of anesthesiology and physiology, "Idiopathic Scoliosis: Gas Exchange and the Age Dependence of Arterial Blood Gases," *Journal of Clinical Investigation* 58: 825-33, 1976.

CHARLES H. HENDRICKS, MD, professor and chairman of obstetrics and gynecology; JAMES R. DINGFELDER, MD, assistant professor of obstetrics and gynecology; and Walter S.Gruber, MD, of 2-Universitat Frauen Klinic, Austria, "Clinical Observations with a Prostaglandin-containing Silastic Vaginal Device for Pregnancy Termination," *Prostaglandins* 12:99-122, 1976. MARIA GISPERT, MD, associate professor of psychiatry, and RUTH FALK, PhD, assistant professor of psychiatry and pediatrics and director of the postdoctoral program in clinical child psychology, "Sexual Experimentation and Pregnancy in Young Black Adolescents," *Americal Journal of Obstetrics and Gynecology* 126: 459-66, 1976.

ROBERT D. CROOM III, MD, assistant professor of surgery, and JIM STARLING, MD, former chief resident in surgery at NCMH, "Acute Jejunogastric Intussusception." *American Surgeon* 42: 778-81, 1976. BERNARD E. STATLAND, MD, PhD, associate professor of pathology; LAURENCE M. KILLINGSWORTH, PhD, assistant professor of medicine and pathology, and PER WINKEL, MD, visiting professor of pathology, "Factors Contributing to Intra-individual Variation of Serum Constitutents: 6. Physiological Day-to-day Variation in Concentrations of 10 Specific Proteins in Sera of Healthy Subjects," *Clinical Chemistry* 22:1635-38, 1976.

D. RAFT, J. GREGG, J. GHIA and L. HARRIS, "Effects of Intravenous Tetrahydrocannabinal on Experimental and Surgical Pain," *Clinical Pharmacology* and Therapeutics 21: 26-33, Jan. 1977. B. E. STATLAND and P. WINKEL, "Variations of Cholesterol and Total Lipid Concentrations in Sera of Healthy Young Men," American Journal of Clinical Pathology 66:935-43, Dec. 1976. H. M. HASSON, G. S. BERGER and D. A. EDELMAN, "Factors Affecting Intrauterine Contraceptive Device Performance," American Journal of Obstetrics and Gynecology 126: 973-81, Dec. 15, 1976.

P. M. BLATT et. al, "Antihemophilic Factor Concentrate Therapy in von Willegrand Disease," Journal of the American Medical Association 236: 2770-72, Dec. 13, 1976. D. RESNID, G. NIWAYAMA, T. G. GOERGEN, P. D. UTSINGER, R. F. SHAPIRO, D. H. HASELWOOD and K. B. WIESNER, "Clinical Radiographic and Pathogenic Abnormalities in Calcium Pyrophosphate Dihydrate Deposition Disease (CPPD): Pseudogout," *Radiology* 122: 1-15, Jan. 1977. BARBARA S. HULKA, L. L. KUPPER and J. C. CASSEL, "Physician Management in Primary Care," *American Journal of Public Health* 66: 1173-79, Dec. 1976.

B. R. BRODIE, W. GROSSMAN, T. MANN and L. P. MCLAURIN, "Effects of Sodium Nitroprusside on Left Ventricular Diastolic Pressure-Volume Relations, *Journal of Clinical Investigation* 59:59-68, Jan. 1977. M. S. SIEGEL, E. A. NORFLEET and H. J. GITELMAN, "Coronary Artery Bypass Surgery in a Patient Receiving Hemodialysis," *Archives of Internal Medicine* 137:83-84, Jan. 1977. G. F. MURRAY and B. R. WILCOX, "Continuous Measurement of Cardiac Output with a Catheter Blood Flow Probe." *Journal of Surgical Research* 21: 319-22, Nov. 1976.

W. J. ARENDSHORST, W. R. RINN and C. W. GOTTSCHALK, "Micropuncture Study of Acute Renal Failure Following Temporary Renal Ischemia in the Rat," *Kidney International* 10: S-100-S-105, Oct. 1976. R. A. BRIGGMAN and C. E. WHEELER, JR., "Lamellar Ichthyosis: Long-Term Graft Studies on congenitally Athymic Nude Mice," *Journal of Investigative Dermatology* 67: 567-72, Nov. 1976. C. W. COOPER, S. H. DOPPELT and R. V. TALMAGE, "Interference with the Serum Gastrin Response to Feeding after Surgical Intervention with the Rat Thyroparathyroid Complex," *Proceedings of the Society for Experimental Biological Medicine* 153: 16-21, Oct. 1976.

P.J.K. STAREK, L. P. MCLAURIN, B. R. WILCOX and G. F. MURRAY, "Clinical Evaluation of the Lillehie-Kaster Pivoting Disc Valve," *Annals of Thoracic Surgery* 22: 362-68, Oct. 1976. J. F. HULKA, J. P. MERCER, J. I. FISHBURNE, T. KUMARASAMY and J. R. DINGFELDER, "Regional Training Program of Laparoscopy: Impacts on Regional Care," *Fertility and Sterility* 28: 29-31, Jan. 1977. A. OTTOLENGHI, N. F. WEATHERLY, A. A. KOCAN and J. E. LARSH JR., "Angiostronglylus Cantonensis: Phospholipase in Nonsensitized and Sensitized Rats After Challenge," *Infection and Immunity* 15: 13-18, Jan. 1977. J. A. EWING and BEATRICE A. ROUSE, "Hospital Facilities for Alcoholics in North Carolina," *North Carolina Medical Journal* 38: 27-29, Jan. 1977.

The Admissions Committee: How it works

Applications for admission to the School of Medicine have zoomed from 239 in 1960 to 1,822 in 1977. The class size has also increased, but at a much slower rate—from 67 students in 1960 to 160 who will enter this fall.

The admissions committee asked 733 candidates to come to Chapel Hill for personal interviews this year. For each of these individuals, the committee weighed impressions from those interviews along with grade point averages, Medical College Admission Test (MCAT) scores, recommendations, extracurricular activities, work experience, and personal letters from the applicants.

By giving equal emphasis to academic and nonacademic factors, says committee member Dr. Janet Fischer, the committee tries to pinpoint those applicants who possess the character of good physicians. Yet, she notes, the academic record is not neglected. "The committee feels strongly that it would be a public disservice to take incompetent students."

This commitment is borne out by UNC-CH medical students' high scores on national and state tests. Three members of the class of 1976, for example, took the top three places on the North Carolina licensing exam.

Motivation and a desire to serve North Carolina are also important, stresses Associate Dean William E. Bakewell, who chairs the committee. He explained that Dean Christopher C. Fordham has charged the committee with enrolling students who will later help meet the state's pressing health care needs.

That mandate and the requirement that 85 percent of the student body be residents of North Carolina are the only conditions imposed on the committee, Bakewell emphasized. "We have no quota for minority students, no quota for women. And I would like to stress that children of alumni are not discriminated against."

During the two informal, 30-minute conversations with students and faculty who serve on the committee, applicants have a chance to ask questions about the school. Tommy Pope, a third year student who has interviewed applicants for the committee, said that these questions are often good. "They want to know about our curriculum, and they want to know how much patient contact

they would have in the first two years. They also ask me how I like school, how I like my class."

When interviewing out-of-state applicants, committee members look for interest in North Carolina. The most common tie, Fischer says, is having relatives in the state. But even that is no assurance of admission, for only one of every 90 nonresident individuals who apply can be accepted.

The success rate is better for North Carolinians. About one out of five is accepted, and this year all applicants living in the state were invited to Chapel Hill for interviews. The committee also talked to about 80 out-of-state applicants.

After the interviews, candidates' credentials are reviewed before presentation to the full committee. Each applicant is considered individually, with the interviewers introducing the candidate's record for discussion. A simple majority is required for admission, and rarely is the vote split along student-faculty lines, Bakewell explained.

Although the entire class is usually not picked before May, the committee tries to inform applicants of its decision as early as possible, he said. Last year the committee sent out 214 letters of acceptance—182 to North Carolinians, 32 to out-of-state applicants—to achieve an enrollment of 144 in-state students and 16 nonresidents in the current first-year class.

If rejected, should an individual reapply the following year? Many do, Fischer says, but "unless something has happened to strengthen the application, the chances for acceptance are slim." She feels it wise that all applicants—regardless of their credentials—be encouraged to consider alternatives.

The admissions committee can help some with this planning. Bakewell notes that committee members may be able to suggest alternatives to individuals for whom reapplication does not seem advisable. Or they offer advice to individuals who wish to reapply after strengthening their credentials.

Pope, who was not accepted the first year he applied, worked in a research lab for a year before reapplying successfully. Applying to medical school, he says, taught him that "no matter what kind of record you have, there will be someone better. The competition is unbelievable."

But just getting in is not enough. "There is a common misconception that once you get in the decisions are over. That isn't true," he says. "The environment becomes more complex. You have to decide what you want to do after you're through medical school."

Class Notes

20's

VERNE H. BLACKWELDER, '27, of Lenoir has retired. He spends winters in Florida and summers in Blowing Rock. E. S. McDANIEL, JR., '27, of Wincote, Pa. retired last October. CHARLES W. ROBINSON, JR., '28, is living at 1208 Belgrave Place, Charlotte 28203. DUNCAN S. OWEN, '28, of Fayetteville has entered his 47th year as a physician and writes, he has "no plans for retirement." JOHN S. McKEE, JR., '27, of Morganton has retired from the North Carolina Department of Mental Health.

30's

RUFUS R. LITTLE, '30, of Ho-Ho-Kus, N.J., has recently semi-retired, and is now limiting his practice to chest diseases. PAUL GREGORY WEIL, '32, of Montreal, Quebec, writes he's still working full time, with three of his daughters married, and four other children in various stages of University work. A. F. HAMMOND, JR. '32, of New Bern hes semi-retired and has restricted his work to office practice only. He writes that he's quit golfing and fishing, though he still enjoys photography. He would also "appreciate a note concerning their past and present activities" from classmates. T. J. TAYLOR, '32, is living at 643 Roanoke Avenue, Roanoke Rapids.

A. L. BARRINGER, '34, of Mt. Pleasant was honored recently by the Cabarrus County Medical Society for 39 years of family practice and community work. WILLIAM B. PATTERSON, '34, of Wailuku, Hawaii, has published a booklet "Etiology of Eclampsia," (Organizations Gastosis Press, Basil, Switzerland, 1975), and has presented papers at professional meetings and symposia in Prague, Czechoslovakia, and Mexico City.

ROBERT O. LEVITT, '34, of Lincolnwood, Ill., has withdrawn from academic medicine at the University of Illinois Medical School to devote full time to internal medicine and alcohol rehabilitation programs. He writes he now has time, "with children grown, to indulge in traveling, skiing and scuba diving." HUGH A. MCALLISTER, SR., '35, has moved to Myrtle Beach, S.C., where he has limited his work to the office practice of OB-GYN. JESSE CALDWELL, '39, served as president of the N.C. Medical Society 1976-77. JOSEPH S. REDDING, '46, HS'58, of Mt. Pleasant, S.C., is currently professor of anesthesiology and heads the section on respiratory care at the Medical University of South Carolina.

40's

DAVID L. PRESSLY, '42 of Statesville, writes to compliment the continuing education program on a refersher course given in Iredell County by the School of Medicine at UNC-CH in cooperation with the Bowman Gray School of Medicine. JOHN HAMILTON MILLER, '42, is living in Bartow, Fla. C. T. DANIEL, '46, of Fayetteville, has been elected chief of staff of the Cape Fear Valley Hospital there. He has limited his practice to gynecology. EDGAR T. BEDDINGFIELD, '46, of Wilson, is practicing with the 22 man multi-specialty group, Wilson Clinic. He is also current chairman of the AMA's Council on Legislation. IRA A. ABRAHAMSON, JR., '46, of Cincinnati, has been appointed assistant clinical professor in the Department of Ophthalmology at the University of Cincinnati School of Medicine. He's also serving on the editorial board of the *Pediatric Journal of Ophthalmology* and he is a member of the editorial advisory board of the *American Family Physician.*

T. ENGLISH WALKER, '48, writes that he is now in the 24th rewarding year of a solo pediatrics practice in Charlotte. FREDERICK L. TUNICK, '41, of Neponsit, N.Y., and his wife Elly recently celebrated their 35th anniversary. He has been

medical director of a children and youth program in Brooklyn since 1967. JOHN R. PENDER, '45, HS'55, of Charlotte, reports that his daughter Mary is now in nursing school at Chapel Hill. JOSEPH T. MILLER, '49, of Gastonia, reported that four of his five children have matriculated at UNC, and that he hopes to have one more Tarheel in Chapel Hill in two years. JACK D. SUMMERLIN, '49, is living in Indianapolis.

50's

H. S. KENDALL WILLIS, '50, of Mt. Holly, is "looking for a partner who wants to hold down the office three days a week while I take the other three days (closed on Sundays)." CHARLIE VERNON, '50, of Wilmington, writes with alumni activities questionnaire in hand that "suddenly I had nothing to say. But this means of getting response from our fellow alumni makes sense." L. L. ANTHONY, JR. '51, of Gastonia, is the father of three daughters who are currently at various stages of their education. DAVID M. ANDERSON, JR., '54, of Laramie, Wyo., has a new partner in his new OB-GYN practice. He also broke his leg skiing recently. JOSEPH D. CORPENING, HS'55, of Salisbury, is now the senior member of a five man group of pediatricians forming the Salisbury Childrens Clinic, PA.

MARVIN McCALL, '56, of Charlotte, is moving to Union County "to raise some horses and breathe clean air." R. V. 'DICK' LILES, JR., '57, of Albermarle, recently moved from solo family practice to join a four man group in the Albermarle Family Medical Center PA. He's serving his second term as a member of the board of the N.C. Academy of Family Practice. DON RICHARDSON, '59, of Boyce, Va., has finished five marathon races since leaving UNC, without winning. He has been practicing pathology in a community hospital and "doing some backpacking and some activities in environmental affairs." FAITH N. OGDEN, HS'59, of Sharon, Vt., is doing consultant work mostly to childrens services at the clinic, to vocational rehabilitation, to courts and individuals. She is working on a parole board which she says is "a learning experience." CECIL L. BARRIER, SR., '59, of Lawndale, is involved with a "very busy general practice which I have been in 15 years."

60's

WILLIAM S. 'SAM' PEARSON, '60, of Winston-Salem, has finished his 11th year as director of psychiatric education and training at the Bowman Gray School of Medicine. ROY V. VARNER, '62, of Houston, Texas, continues teaching and research with the Texas Research Institute of Medical Sciences, along with some private practice. He was visited last month by a classmate J. C. CALLICOTT. DAVE M. DAVIS, '63, of Atlanta, is president of the Georgia Psychiatric Association and director of Psychiatric Services for Peach Tree-Parkwood Mental Health Center. JAMES L. WILLIAMS, '64, Spokane, Wa., is practicing Orthopaedic Surgery there.

BRANCH T. FIELDS, JR., HS'64, of Little Rock Ark., is presently assistant professor of medicine at the University of Arkansas College of Medicine and Chief, Infectious Disease Section, Little Rock Veterans Hospital. CLYDE M. GAFFNEY, '64, of St. Petersburg, Fla., is in the private practice of urology there. WAYNE B. VENTERS, '64, of Jacksonville, was recently inducted into the American Academy of Orthopaedic Surgeons. He is looking for an associate. J. W. DAVID ATCHISON, '64, of Ruston, La., was recently certified by the Board of Nuclear Medicine. He is part of a two-man diagnostic radiology practice in Ruston.

CHARLES P. GRAHAM, JR., '65 of Topeka, Ka., became the father of twin daughters, Caroline and Morey, last December 18. DAVID C. HEFELFINGER, '65, of Tuscaloosa, Ala., is associate professor and chairman of pediatrics at the University of Alabama. G. WILLIAM BATES, '65, of Dallas, Texas, finished a reproductive endocrinology fellowship at Southwestern Medical School last July. PHILIP CARL DEATON, '66, of Greensboro, is in the practice of neurosurgery with Richard Ames in Greensboro.

THOMAS J. KOONTZ, '66, of Winston-Salem, became a fellow of the American College of Surgeons last October. SURRY P. ROBERTS, '66, of Raleigh, opened a solo rheumatology practice there last year. STEPHEN J. NEWMAN, HS'67, of Rockville, Md, has recently gone into solo private practice specializing in oncology and internal medicine in Bethesda.

ELZIE FRANKLIN HART, JR., '67, HS'74, is in the private practice of ENT in Morganton. ALLEN W. HUFFMAN, JR., '67, is practicing OB-GYN in Hickory. A. L. ROPER, II, '67, of Norfolk, Va., entered private practice there after eight years in the Navy. E. FRANK SHAVENDER, '68, has moved to Durham and joined the Durham Woman's Clinic PA. JAMES E. COLLINS, '68, has founded the Foundation for Creative Living in Greensboro. "This is an effort to expand psychiatric, marital and sexual counseling to the community." JERRY C. WOODARD, '68, has bought a new house at 1501 W. Nash Street, Wilson. ROBERT B. SHEARIN, '68, is director of children and youth ambulatory services and adolescent medicine at Georgetown Medical Center in Washington, D.C.

CAROLE WILKERSON SAMUELSON, '68, of Birmingham, is working with the pediatric and family practictioner course at the University of Alabama's School of Nursing. Her husband Paul is doing cardiovascular anesthesia at the University of Alabama. The couple has two sons. STEWART L. ELLINGTON, '69, of Salt Lake City, was recently board certified in internal medicine. R. C. VANDERBERRY, '68, of Orange Park, Fla., would like to know the whereabouts of PHILIP COLEMAN '68. JOSEPH T. McLAMB, '67, is in the practice of orthopaedics in Goldsboro.

70's

DONALD D. HOWE, '70, of Annapolis, Md., will finish a tour with the Navy next summer and plans to enter private practice with an OB group in Gastonia. TOM O'ROURKE '70 of Atlanta, is in the fourth year of a pathology residency at Emory University. He serves as chief resident there and is a cancer fellow. DAVID A. RENDLEMAN, '70, of Temple, Texas, is completing a Berry plan obligation at Fort Hood, Texas. He has passed his orthopaedic surgery boards and plans to return to North Carolina to set up a practice in July. L. CHRISTINE OLIVER (SUBERMAN), '70, of Arlington, Mass, was recently board certified in internal medicine. She's working as an internist in primary care at the Chelsea Health Center, a Massachusetts General Hospital affiliate. She's a clinical associate in the Department of

Medicine at MGH and an instructor in medicine at Harvard Medical School.

WILLIAM ALLSBROOK, '70, has become a civilian assistant pathologist at the Armed Forces Institutes of Pathology in Washington. M. EUGENE SHERMAN, '70, and his wife SUSAN SHERMAN '73 are in Dearfield, Ill. Susan completes her endocrinology fellowship at Northwestern and Gene completes two years in the Navy in July. The couple plans to practice their specialties (endocrinology and cardiology respectively), in Denver. MARY S. FULGHUM, '71, of Chapel Hill, is an assistant professor of OB-GYN at UNC-CH, director of Gynecologic Services for the UNC Student Health Service and medical advisor to the NCMH Rape Crisis Center. In July she will move to Raleigh to go into private OB-GYN practice with Drs. Annie L. and Louis Wilkerson, her aunt and uncle, and HUGH GRANT, '68.

GILBERT C. WHITE, '71, of Chapel Hill, is instructor of medicine at the UNC School of Medicine. WILLIAM A. LAMBETH, '71, of Washington, D.C., is the father of twin sons, Edison Tate and William Alexis, born Dec. 21. Dr. Lambeth will be chief resident in Plastic Surgery. GEORGE C. VENTERS, '71, has opened a private practice in orthopaedic surgery with two associates in Raleigh. JAMES S. COXE III, '71, of Columbus, Ohio, is in a two year fellowship in endocrinology at the University Hospital in Columbus. He has passed his boards in internal medicine and reports "tennis still a major interest." DON V. LEWIS, '71, of Cooperstown, N.Y., is enjoying teaching housestaff and fourth year students at the Mary Imogene Bassett Hospital in Cooperstown.

JAMES S. FULGHUM III, '71, of Chapel Hill is chief resident in neurosurgery at Duke Medical Center. He and MARY SUSAN FULGHUM '71, have bought a home in Raleigh. He plans to go into practice in neurosurgery there next July. JAMES GRAY GROCE, '71, of Chapel Hill, is attending psychiatrist at Dorothea Dix Hospital in Raleigh. He is also Medical Director of Drug Action of Wake County Methadone treatment program. JOHN R. LURAIN, '72, finished an OB-GYN residency at the University of Pittsburgh and is presently a lieutenant commander in the Department of OB-GYN at the Naval Regional Medical Center in Portsmouth. He will start a second fellowship in Gynecologic Oncology at Roswell Park Memorial Institute in Buffalo, N.Y. in July 1977. J. McNEILL GIBSON, '72, of Princeton, N.J., is doing general internal medicine with a large multi-specialty group.

KAREN WHEDON GREEN, '72, of Cardiff by the Sea, Cal., is finishing a two year fellowship in maternal-fetal medicine in San Diego while her husband Steven Green finishes two years in family practice with the Navy. RONALD A. MOORE, '72, is in the practice of internal medicine in New Bern. HUGH L. SHEARIN JR., '73, of Mount Pleasant is one of a three man group doing family practice there. ROBERT FRITZ, '73, is building a family practice at Hot Springs, Va.

COLIN D. JONES, '73, will start work at Roanoke-Chowan Hospital's ER in July. FRED F. BANNSON '73, Charlottesville, Va. is in second year residency at UVA. MICHAEL A. WALL, '73, finished his pediatric residency at Massachusetts General Hospital in July and is a fellow in pulmonary medicine at Childrens' Hospital in Boston now. C. NORMAN HURWITZ, '74, of Iowa City, Iowa, is a third year resident in pathology at the University of Iowa Hospital. DAVID A. ROCKWELL, '74, of Charlottesville, Va., is in the second year of an orthopaedic surgery residency at the University of Virginia. He says that "ultimately we would like to return to N.C. for practice and to live."

WILLIAM D. LEE, '74, of Rochester, N.Y., is chief resident in the family medicine program at the University of Rochester. "I recently returned from a two month elective in Arizona with the Indian Health Service, where STEVE HAWKINS '74, is serving." JAMES M. DAVIS III, '74, of Boston, will complete a residency in diagnostic radiology at Massachusetts General Hospital next June, and will then do a fellowship in angiography for a year at MGH. HERSHEL L. WIX, '74 of Chicago will begin a fellowship in cardiology at the University of Chicago in July. THOMAS W. LITTLEJOHN, '74, of Charlotte, finishes his family practice residency next summer and will be taking a faculty position with the Bowman Gray Family Practice Residency Program in Winston-Salem.

PAUL L. OGBURN, JR., '74, is a 3rd year resident at the University of Minnesota Hospitals in OB-GYN. ROBERT L. REDDICK, '74, is with the National Cancer Institute in Bethesda, Md. JOSEPH MAJSTORAVICH, JR., '74 of Pittsburgh has another year of training in ophthalmology to complete in Pennsylvania. WILLIAM C. HAYES JR., '75, of Winston-Salem, is in the second year of pediatric residency at N.C. Baptist Hospital there. CHARLES G. PIERCE, '75, of Mt. Pleasant, S.C., has been asked to be assistant chief resident in pediatrics at the Medical University of South Carolina.

JOSEPH R. 'JAY' PRINGLE JR., '75, of Portsmouth, Va., is a second year resident in pediatrics at the Naval Hospital there. He reports he saw CHUCK FOGLEMAN '75, who has just completed Naval Flight Surgery School at Pensacola, Fla. Fogleman is to be assigned to the carrier Midway, operating in the Western Pacific. DAN A. MYERS, '75, is a general surgery resident at the University of Florida in Gainesville. He will enter a urology residency in July '78.

Deaths

B. Francis Barham, '37, Asheboro
Harris H. Bass, III, '63, Seattle, Wa.
Seth McPherson Beale, '33, Elkin
Robert Payne Beckwith, Jr., '42, Richmond, Va.
Marcus Edward Bizzell, '21, Goldsboro
William R. Burke, Jr., '63, Raleigh
Walter Vance Costner, '22, Lincolnton
Ernest Washington Franklin, '28, Charlotte
James O. Haizlip, '25, Fort Thomas, Ky.
Malcolm Drake Kemp, '28, Pinebluff
Lewis B. MacBrayer, '44, Coral Gables, Fla.
J. William McCracken, '51, Greensboro
Frank McLean, '09, Oakland, Me.
Roy Hardin Moore, '29, Canton
Bennett Watson Roberts, '22, Durham
Sheldon Asa Saunders, '12, Aulander
Claude E. Simons, '28, Wilson
William Roy Wandeck, '31, Marianna, Fla.
Samuel E. Way, '31, Rocky Mount
Clark Harold Woodburn, '37, Littleton

Matching Day '77

A high level of quality characterizes the spring 1977 graduating class and training programs to which its members were appointed, says Associate Dean for Student Affairs J. Mitchell Sorrow, Jr., MD. A majority of the class were matched with one of their first three choices. Of 124 graduating seniors, 24 are women—about the same ratio as last year; 38 are serving in programs in North Carolina, 17 at North Carolina Memorial Hospital. Dr. Sorrow, pleased with the appointments, said there is a strong interest among the class in primary medical care.

Here is the class and its internship appointments:

Alton Ray Anderson, Washington Adventist Hospital, Takoma Park, Md.; **Evelyn Marion Bargmann,** Edward J. Meyer Memorial Hospital, Buffalo, N.Y.; **Michael Lynn Barringer,** North Carolina Baptist Hospital, Winston-Salem; **Mark Wilson Bennett Jr.,** Mountain Area Health Education Foundation, Asheville; **John Robertson Black,** William Shands Teaching Hospital, Gainesville, Fla.; **Deborah Daetwyler Boyd,** North Carolina Memorial Hospital, Chapel Hill; **Gwendolyn McNeill Boyd,** Charlotte Memorial Hospital, Charlotte; **Clinton Albert Briley Jr.,** Duke University Medical Center, Durham; **John Winchester Byers,** Jacksonville Educational Program, Jacksonville, Fla.; **David Lee Call,** Duke University Medical Center, Durham; **Elaine Woodard Coleman,** North Carolina Baptist Hospital, Winston-Salem; **John Reginald Collier Jr.,** William Shands Teaching Hospital, Gainesville, Fla.; **Francis Sellers Collins,** North Carolina Memorial Hospital, Chapel Hill; **Ronald Patterson Conoley,** Community Memorial General Hospital, LaGrange, Ill.; **Rafael Francisco Contin,** Texas Medical Branch Hospital, Galveston, Texas; **Cecil Vanmeter Crabb III,** North Carolina Baptist Hospital, Winston-Salem; **Joseph Edgar Craft,** Yale-New Haven Medical Center, New Haven, Conn.; **Joan Annette Cummings,** Medical College of Virginia, Richmond; **Allen Joe Daugird,** University of Missouri Medical Center, Columbia; **Meyer Edwin Dworsky,** University of Alabama Medical Center, Birmingham.

Larry Duane Eggert, University of Utah Affiliated Hospitals, Salt Lake City; **Randy Sue Ellis,** University of Chicago Clinics, Chicago; **Lee Brinkley Eure,** Roanoke Memorial Hospital, Roanoke, Va.; **Ronald Jonathan Falk,** North Carolina Memorial Hospital, Chapel Hill; **Joseph Claude Fesperman Jr.,** Duke University Medical Center, Durham; **Wayne Dennis Fogle,** William Shands Teaching Hospital; Gainesville, Fla.; **Arthur Livingston Fritz,** Duke University Medical Center, Durham; **Gerald Alan Fromson,** Baylor College of Medicine Affiliated Hospitals, Houston, Texas; **Jean Veasey Fromson,** Baylor College of Medicine Affiliated Hospitals, Houston, Texas; **William Jennings Fulkerson Jr.,** Vanderbilt University Affiliated Hospitals, Nashville, Tenn.; **Boyd Bennett Gasque Jr.,** Vanderbilt University Affiliated Hospitals, Nashville, Tenn.; **James Robert Goins,** North Carolina Memorial Hospital, Chapel Hill; **James Oswald Goldman Jr.,** internship deferred; **Richard Dwight Grady,** Eastern Carolina University Affiliated Hospitals, Greenville; **Pearly Berlette Graham,** Howard University Hospital, Washington, D.C.; **Sandra Lee Griffin,** Wilford Hall USAF Medical Center, San Antonio, Texas; **Peter Colby Gruenberg,** University of Kentucky Medical Center, Lexington; **William Boyd Harden,** Medical College of Georgia Hospital, Augusta; **James Benford Hardin,** Fayetteville Area Health Education Center, Fayetteville; **Robert Mark Harris,** North Carolina Baptist Hospital, Winston-Salem.

David Carroll Henke, North Carolina Memorial Hospital, Chapel Hill; **Douglas Eugene Henley,** North Carolina Memorial Hospital, Chapel Hill; **George William Henry,** Indiana University Medical Center, Indianapolis; **Marianna Matthews Henry,** Indiana University Medical Center, Indianapolis; **Alan Scudder Hollister,** William Shands Teaching Hospital, Gainesville, Fla.; **James Beatty Holt,** North Carolina Memorial Hospital, Chapel Hill; **Charles Henry Hoover III,** Baptist Memorial Hospital, Memphis, Tenn. **Cary Frederick Irons III,** North Carolina Memorial Hospital, Chapel Hill; **William Luther Isley,** University of San Antonio Teaching Hospital, San Antonio, Texas; **Henry Dawson Jefferson Jr.,** internship deferred; **George Metcalfe Johnson,** University of Connecticut Affiliated Hospitals, Farmington; **Wade Thomas Jordan,** Brooke Army Medical Center, Fort Sam Houston, Texas; **Ronnie Stephen Joyner,** New Hanover Memorial Hospital, Wilmington; **Michael Alan Karr,** Portsmouth Naval Hospital, Portsmouth, Va.; **Saundra Ann Kendall,** Eastern Virginia Graduate Medical School, Norfolk; **Lester Lyndon Key Jr.;** Duke University Medical Center, Durham; **Michael Easterman King,** North Carolina Baptist Hospital, Winston-Salem; **Judith Mae Kramer,** Massachusetts General Hospital, Boston; **Paul Howard Kramer,** University of Minnesota Hospitals, Minneapolis; **Albert Keith Kuhne,** Mountain Area Health Education Foundation, Asheville.

Ann Darby Latimer, Medical College of Georgia Hospital, Augusta; **Frederick Harrison Mabry Jr.,** William Shands Teaching Hospital, Gainesville, Fla.; **William Hollowell Marsh,** University of Virginia Hospital, Charlottesville; **Donald Pittard McCurdy,** Ochsner Foundation, New Orleans; **Thomas Meihack Miller,** University of Rochester Affiliated Associate Program, Rochester, N.Y.; **Stephen Ray Mitchell,** North Carolina Memorial Hospital, Chapel Hill; **David Hunter Moore,** Charlotte Memorial Hospital, Charlotte; **Warren Hamilton Moore,** Medical Center Hospitals of South Carolina, Charleston; **Herman Grady Morgan Jr.,** University of Alabama Medical Center, Birmingham; **Peter Seth Morrison,** Medical College of Georgia

Hospital, Augusta; **Calvin Frank Morrow Jr.**, Medical College of Virginia Hospital, Richmond; **Robert Lawrence Munt Jr.**, University of Alabama Medical Center, Birmingham; **Pamela Ann Nelson,** Duke University Medical Center, Durham; **Steven Ronald Nesheim,** West Virginia University Hospital, Morgantown; **Jack Watson Noneman Jr.**, University of Kentucky Medical Center, Lexington; **Scott Harold Norwood,** Keesler USAF Medical Center, Gulfport, Miss.; **Gretchen Sampson Okiye,** North Carolina Memorial Hospital, Chapel Hill; **Benjamin Walker Page,** Meharry Medical College, Nashville, Tenn.; **James Benson Patterson,** North Carolina Memorial Hospital, Chapel Hill; **Melinda Coover Paul,** North Carolina Memorial Hospital, Chapel Hill.

Ruth Carolyn Penn, Lancaster General Hospital, Lancaster; **Petya Lee Perkins,** Roanoke Memorial Hospital, Roanoke, Va.; **Louis Morris Perlmutt,** Mt. Sinai Hospital, New York; **Steven Piantadosi,** University of Alabama Medical Center, Birmingham; **Jesse Calvin Pittard,** North Carolina Baptist Hospital, Winston-Salem; **Michael Lee Pool,** North Carolina Memorial Hospital, Chapel Hill; **Duncan Sybren Postma,** University of California Hospitals, San Francisco; **Robert Barton Price,** Grady Memorial Hospital, Atlanta; **Craig Philip Prokos,** University of South Florida Affiliated Hospitals, Tampa, Fla.; **David Lawrence Putnam,** Albany Hospital, Albany, N.Y.; **Catherine Marie Radovich,** North Carolina Memorial Hospital, Chapel Hill; **Keith Maxwell Ramsey,** Medical College of Virginia Hospital, Richmond; **Gloria May Rapoport,** U.S. Public Health Service Hospital, New York; **Leighton Alvin Raynor,** William Shands Teaching Hospital, Gainesville, Fla.; **Gary Howard Riggs,** North Carolina Memorial Hospital, Chapel Hill; **Janifer C. Roberts,** Danbury Hospital, Danbury; **Ronald Wayne Roberts,** Medical Center Hospitals of South Carolina, Charleston; **Lee Russell Rocamora,** Charlotte Memorial Hospital, Charlotte; **William Halsell Ryan III,** University of Texas Southwestern Affiliated Hospital, Dallas; **Samuel Thwing Selden,** Akron City Hospital, Akron, Ohio.

Jerry Lee Self, Fitzsimmons Army Medical Center, Denver; **Pamela Beth Shirley,** University of Alabama at Huntsville; **Sally Fleming Shu,** Texas Medical Branch Hospital, Galveston, Texas; **Charles Gregory Smith,** North Carolina Memorial Hospital, Chapel Hill; **Ellen Blair Smith,** University of San Antonio Teaching Hospital, San Antonio, Texas; **John Braswell Smith Jr.**, North Carolina Baptist Hospital, Winston-Salem; **Lewis Edwin Speagle,** Akron General Hospital, Akron, Ohio; **Howard Jay Stang,** University of Utah Affiliated Hospitals, Salt Lake City; **John Herbert Stanley Jr.**, Medical Center Hospitals of South Carolina, Charleston; **Vaughn Alden Starnes,** Vanderbilt University Affiliated Hospitals, Nashville, Tenn.; **John Griffith Steel,** Wilford Hall USAF Medical Center, San Antonio, Texas; **George Alan Stoudemire,** University of Colorado Affiliated Hospitals, Denver; **Mathai Soman Thomas,** North Carolina Memorial Hospital, Chapel Hill; **Kenneth Michael Twiddy,** Tripler Army Medical Center, Honolulu; **John Cuthbertson Vick,** Charlotte Memorial Hospital, Charlotte; **Michael Mundy Ward,** University of San Antonio Teaching Hospital, San Antonio, Texas; **Richard Harry Weisler,** North Carolina Memorial Hospital, Chapel Hill; **Anthony Halleck Wheeler,** Baylor College of Medicine Affiliated Hospitals, Houston, Texas; **Michael Stevens Wheeler,** University of Texas Southwestern Affiliated Hospitals, Dallas; **Joseph Lee Williams,** Wilford Hall USAF Medical Center, San Antonio, Texas; **Elsie Elizabeth Winstead,** University of Kentucky Medical Center, Lexington; **Christopher Murray Wise,** Medical College of Virginia Hospital, Richmond; **Phillip Charles Wood,** Pacific Medical Center—Presbyterian, San Francisco; **Wayne Graeber Woods,** Scott Air Force Base Medical Center, Scott AFB, Ill.

Calendar

June

12 — Postgraduate Course: Lawrence W. Moore, Jr., MD, Department of Ophthalmology
Halifax Memorial Hospital, Roanoke Rapids

18-19 — Practical Dermatology
Boone

August

1-5 — Fifth Annual Myrtle Beach Workshop
Myrtle Beach Hilton

September

9-10 — Carolina-Virginia Dermatology Association Meeting
Berryhill Hall

24-25 — Practical Dermatology for the Non-Dermatologist
Blockade Runner Motor Hotel, Wrightsville Beach

24 — Medical Parents Day
Berryhill Hall

October

15-16 — Association for Practitioners in Infection Control
Asheville—place to be announced

29 — Fall Alumni Council Meeting
Carolina Inn Ballroom

November

12-13 — Cardiology Symposium
103 Berryhill Hall

To obtain more information about any of these events, contact the office of Continuing Education and Alumni Affairs, 236 MacNider 202H, Chapel Hill, North Carolina 27514. Phone (919) 966-4161.

Medical Alumni Bulletin
Box 528
N. C. Memorial Hospital 204H
Chapel Hill, N.C. 27514

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, N.C.
Permit No. 24

H SCIENCES
IBRARY
AUG 15 1977

PERIODICALS DEPT
HEALTH SCIENCES LIBRARY 223H
CAMPUS

Medical Alumni Bulletin

VOLUME 23 SUMMER ISSUE 1977 SCHOOL OF MEDICINE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Tyndall chairs Loyalty Fund

Durwood Tyndall, '54, of Goldsboro has been named chairman of the 1977 UNC School of Medicine Loyalty Fund. The appointment was announced by Will London, '55, president of the Medical Alumni Association.

"We're very pleased that Dr. Tyndall has accepted the job," Dr. London said, "We're hoping for new records this year."

Dr. Tyndall, a Goldsboro GP who is also treasurer of MAA, has already begun the 1977 drive. "Class chairmen have been recruited and the recruiting of class agents is under way," he said. "All alumni and former N.C. Memorial housestaff should be hearing from classmates about the drive in the near future.

"This year's effort will be brief. We expect to conclude Loyalty Fund work before Christmas."

Dr. Tyndall also announced a new feature of the Loyalty Fund, endorsed by the MAA Executive Committee last spring. "Looking forward to the medical school's 100th anniversary in 1979, the MAA is starting a Centennial Club as part of its Loyalty Fund efforts," Tyndall said.

Membership in the Centennial Club, he said, requires a gift of $100 or more this year and a pledge of at least $100 next year.

Centennial Club members will receive a commemorative token of the 100th anniversary and special recognition in the *Bulletin*.

An accounting of participation in last year's Loyalty Fund, meanwhile, has shown that 457 of the school's 2,624 alumni plus 28 non-alumni contributed $28,832 to the 1976 effort.

A listing of 1976 Loyalty Fund contributors begins on page 16. Every effort was made to make the list as accurate and complete as possible, but if errors or omissions have occured, the editors apologize in advance. The list was arranged by classes with a special category for non-alumni contributors.

Medical Alumni **Bulletin**

Advisory Board
William B. Blythe, MD '51
John C. Herion, MD '51
John F. Lynch, Jr., MD '42
G. Philip Manire, PhD
S. Ray Mitchell '77
Thomas L. Pope '78
Judson J. Van Wyk, MD
Oscar L. Sapp III, MD,
Chairman, *ex officio*
William L. London, MD '55
ex officio
James H. M. Thorp, MD '57
ex officio

Editor
John W. Stokes

Managing editor
Karen C. Bachmann

Contributing editors
Dick Broom
Judy Flynn
Raleigh C. Mann

The *Medical Alumni Bulletin* is published quarterly by the UNC-CH Medical Alumni Association, Chapel Hill, N.C. 27514. Postage is paid by the nonprofit association through U.S. Postal Permit No. 24. All correspondence should be addressed to the editor at Box 528, N.C. Memorial Hospital 204H, Chapel Hill, N.C. 27514.

Table of Contents

The Center for Cancer Research	4
126 MacNider	8
New President sets goals	10
Extracts	14
Notables	20
Class Notes	23

Behind the Lines. . .

As this issue of the *Bulletin* goes to press, President Will London, '55, has issued a call for a meeting of Medical Alumni Association Councillors and members of the Visiting Committee in Chapel Hill October 22. The agenda has not yet been announced, but it's expected such matters as the Centennial of the School of Medicine and progress of the 1977 Loyalty Fund drive will be discussed. October 22 is a football Saturday and the University of South Carolina Gamecocks will be waiting in Kenan Stadium that afternoon.

About 2,200 of the 5,000-plus recipients of this magazine are former housestaff of the North Carolina Memorial Hospital. That audience might be interested to know that the hospital celebrated its 25th anniversary September 2. Anniversary activities included numerous special events during the week preceding the date. Several former directors returned to participate, original and retired employees and medical staff were feted at a banquet and Sarah T. Morrow, '42, participated in a colloquium on hospitals, past present and future. Dr. Morrow is secretary of the state Department of Human Resources.

The questionnaires we send to *Bulletin* readers between issues went out a little late this time, and we moved up publication date of the current issue. Thus, responses are still rolling in as the magazine goes to the printer. The next issue of the magazine will be November 30. If you sent an item that you failed to see this time, it will surely be published in November.

—JWS

ON THE COVER

Center for Cancer Research Director Joseph S. Pagano, MD, is pictured on the cover as he works in his laboratory. More photos and stories about some of the recent work by the center begin on page four.

Center seeks viral connection

Researchers at the Center for Cancer Research at the University of North Carolina at Chapel Hill are using enzymes—minute protein particles—to explore the inner space of the human cell.

These little voyagers could lead scientists to a long-sought but elusive connection between viruses and cancer in humans.

Joseph S. Pagano, MD, director of the Center, says that viral-associated cancers are common in all life forms—except humans.

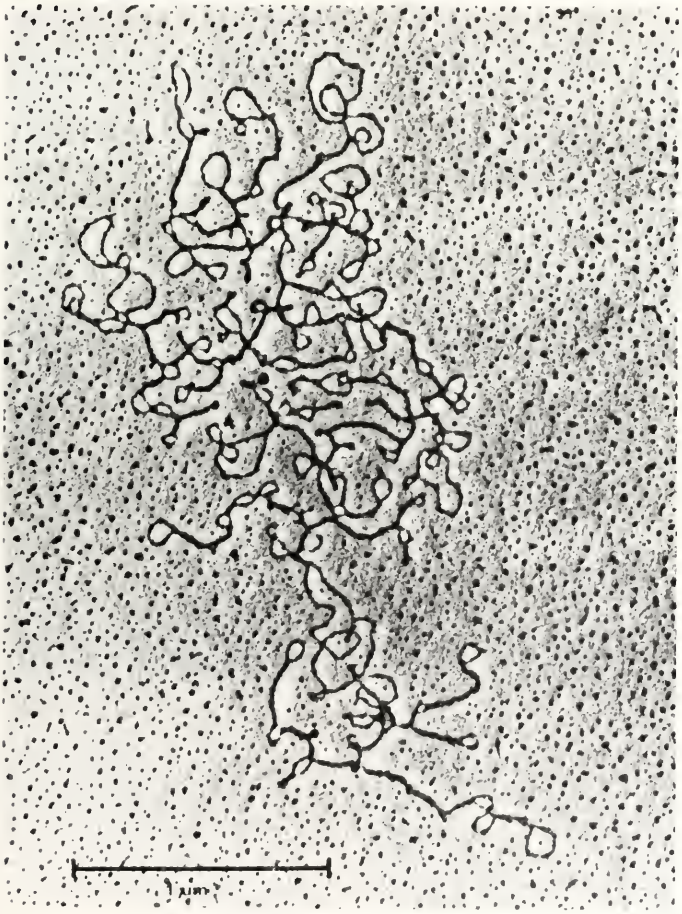
A virus connection is also strongly suspected in human cancers but it has not been proven because viruses don't show up in human cancer cells.

Using sophisticated molecular biology, UNC researchers studying human cancer cells are consistently finding not the virus itself, but its own, unique DNA (deoxyribonucleic acid), the genetic-dictating structure that determines the future growth of cells in which it has taken up residence.

The presence of a virus' DNA in a cell says that at some time there was a virus there, and that there is potential for a new virus, Pagano says.

The research technique developed at the UNC Center for Cancer Research is called nucleic hybridization. Using enzymes in a test tube, scientists actually build a mirror copy of the virus' DNA, which normally is hidden within a cell. The copy, called RNA (ribonucleic acid),

Joseph S. Pagano, MD



This photograph (bottom left) through an electron microscope shows DNA from the Epstein Barr Virus, magnified 40,000 times. Scientists at the UNC Center for Cancer Research in Chapel Hill have found some evidence that this virus is associated with a certain kind of cancer.

becomes the voyager. Set loose in the cancer cell, the newly-manufactured RNA seeks out and unerringly finds only the matching viral DNA.

UNC researchers have made such matchups consistently in cells taken from malignant tumors from victims of Burkitt's lymphoma, a form of cancer that usually develops on the jaw, often in children. What the researchers keep finding in the Burkitt's lymphoma cells is the DNA of Epstein-Barr Virus.

"Burkitt's lymphoma is the only case where the DNA of a specific virus can be found consistently in human tissue," Pagano says. "It tightens the association between virus and cancer very much."

Pagano says the viral DNA is found as part of the host cell in Burkitt's lymphoma, but is an abnormal, alien part. "Our conception is that it makes the host cell malignant."

The viral DNA attaches itself to the DNA of the normal cell and begins to take over, governing the future growth of the cell. As the cell divides, new offspring cells all possess the viral DNA as well as the normal cell DNA, so the Burkitt's lymphoma grows in the patient, but the virus itself does not. This, perhaps, is why scientists have not found actual viruses in these cases, but only the virus' DNA.

Once the cell is removed from the patient, the viral DNA starts to reproduce itself freely and sometimes actually produces the full virus, says Pagano.

"If we could grow enough of

UNC Center for Cancer Research activities include comprehensive surgical care, sophisticated radiological equipment and clinical resources that emphasize a compassionate approach to caring for people.

that virus to produce a safe vaccine, then we could set up a controlled trial and see if we could prevent the onset of Burkitt's lymphoma," Pagano said.

"From that we could conclude that the virus does cause that particular form of cancer, and we would have a means of preventing it."

But Epstein-Barr Virus is very difficult to produce in quantity; "we can't get enough to prepare a vaccine."

UNC researchers have not yet proved that a virus causes Burkitt's lymphoma. "If we can prove it, it would be the first proof of virus-caused cancer in humans," Pagano said.

While the search for a viral connection is a major thrust of the work at the UNC Center for Cancer Research, it is only a part of the coordinated efforts of more than 200 basic researchers, physicians, dentists and other health professionals and technicians who are involved in about 100 cancer-related projects at the Center.

What is required to unlock the mysteries of cancer is what is happening now at the UNC Center for Cancer Research—a centralized, concentrated, collective effort to seek solutions.

"Over the last two years we have been building the organizational framework for a Center that will coordinate the talents of the many scientists in our university community who are interested in or are working on cancer," says Pagano. "We have begun to bring coherence and unified purpose to the work of the men and women who make up the Center."

The Center's faculty already has achieved national recognition in several areas of cancer research, and continues to attract extensive governmental and contractual support for its research projects.

"The Center's work with the Epstein-Barr Virus is an example of how it is working," says Pagano. UNC scientists devised the technology, assembled the team, and have come up with unique findings in their research. "We have become the leader in the molecular approach to understanding the viral-cancer question."

Anti-cancer projects are varied

It has been said that cancer is not really a single disease. Rather, it's more than 300 different disease states thought to be somehow related.

Research resources deployed in the UNC-CH Center for Cancer Research to help better understand cancer are almost as varied. About 200 researchers, technicians and other professionals are working on research projects related to cancer at Chapel Hill.

A survey showed that the scientists are currently working on about 100 cancer-related projects in 85 different clinics and labs scattered across the campus and in the North Carolina Memorial Hospital. The work involves all five of the University's health sciences schools, plus the departments of chemistry and zoology.

If their locations are scattered, their efforts are united, and for good reason.

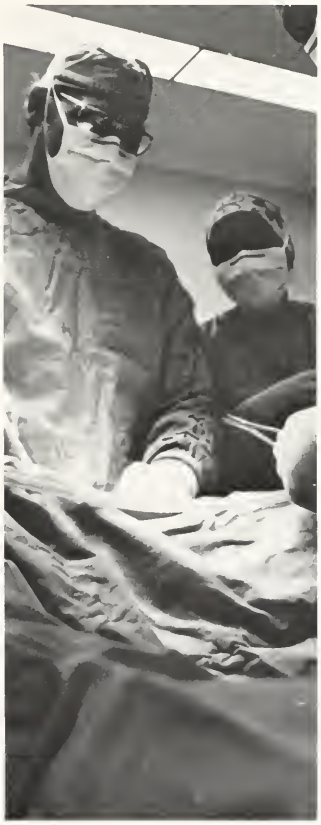
Last year nearly 8,000 North Carolinians died as a result of cancer. This year 370,000 Americans are expected to die from cancer—that's approximately the total number of people living in Guilford and Alamance counties combined.

Cancer is second only to accidents as the greatest killer of children.

The National Cancer Institute has set up a network of cancer research centers across the country. The School of Medicine at UNC at Chapel Hill, cited particularly for its merits in the area of creative research, was designated one of the centers in 1975.

A sampling of anti-cancer projects now under way at Chapel Hill includes:

- Work with cancer-causing chemicals in an attempt to better understand their actions on cells. This research relates particularly to cancer of the stomach, bladder and lung.
- Studies of anti-cancer drugs such as methotrexate in an effort to better understand how these drugs alter cancer cells.
- Attempts to follow clues that suggest cancer is related to viruses, particularly in respect to a cancer called Burkitt's lymphoma.
- Studies of the immune aspects of malignant diseases in children.
- The growing of mutant tumor cells in the laboratory for use in studying the effects of anti-cancer drugs.
- Studies of gynecologic malignancies, particularly with respect to improving techniques for early detection and methods of treatment for cancer of the uterus, ovaries and cervix.
- Research into the effects of radiation on cells, in an effort to improve radiological cancer treatment methods.

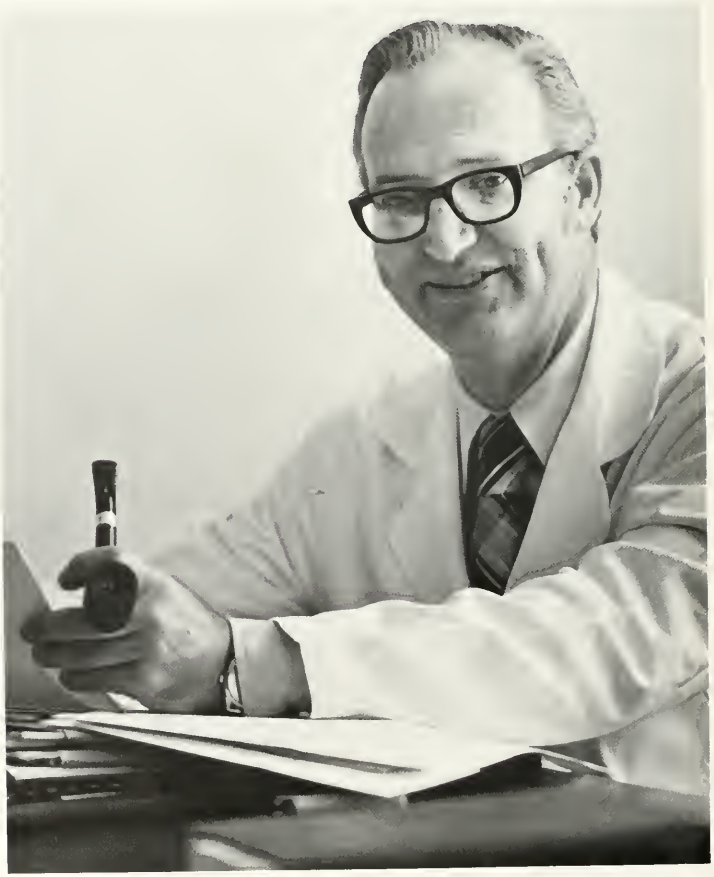


These research efforts are supported by a large-scale capability for the care of cancer patients in the North Carolina Memorial Hospital at Chapel Hill.

Since 1952 the hospital has cared for more than 20,000 cancer patients. Currently, the progress of about 8,700 cancer patients is being followed by a computerized cancer data bank at the hospital. About one-fourth of those patients make regular clinic visits for care and therapy.

In addition, Memorial Hospital operates 12 separate clinics devoted specifically to various aspects of cancer diagnosis and treatment. And, the hospital has greatly expanded its efforts recently in oncology, the study of tumors.

126 MacNider



The last issue of the *Bulletin* was the first copy since I have been Dean of the School in which there was not a column from 126 MacNider. The absence of the column provoked no comment. In fact, the only people who noticed it were Mr. Stokes, the editor, I, the usual author, and my wife (and she found it refreshing). Nevertheless, doggedly, I shall continue.

Many of you are aware of my brief stint as almost Assistant Secretary of Health in late March and early April of this year. I was deeply honored to be asked to serve in that post.

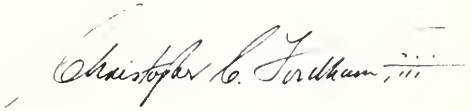
While I shall not comment in detail upon the complex reasons for my not accepting that position, I want you to know that the departure from HEW was amicable, and I have the conviction that something worthwhile was done.

I happen to have the strong conviction that our profession, and related professions, can take a tremendous amount of responsibility and can deliver in a progressive fashion. We are doing so in North Carolina in very impressive fashion through collaboration between the medical schools, the organized profession, individual practitioners, and community hospitals. But, unfortunately, we are not perceived by the government or the general public to be capable or willing to undertake changes which will improve the range of medical and health care services in this country. Our voices are relatively small at government levels with regard to appropriate actions to be taken. We do not have genuine credibility, except as individual professionals. To me, this is one of the true challenges for us: to develop the credibility and the mechanism for participating effectively in the decision-making processes as they relate to the health of the American people.

I would like to comment briefly on the Center for Cancer Research at Chapel Hill which is discussed elsewhere in this issue. We have reached the point where a very sizable proportion of the patients who are referred to our hospital and clinics for diagnosis, treatment, and care have a cancer-related problem. It is absolutely essential that we continue to be at the forefront of basic and clinical science understanding of the many varieties of malignant disease and modalities of diagnosis and treatment, for educational as well as direct patient care reasons. As many of you know, we are already admirably equipped to diagnose and treat cancer-related problems. We have perhaps the most complete radiotherapeutic and radiodiagnostic facilities in the Southeast (with the only betatron and the only whole-body scanner in North Carolina). Dr. James Scatliff is Chairman of the department, with Dr. Edward Staab as Chief of Nuclear Medicine and Dr. Edward Rogoff as Chief of Radiotherapy. We have a marvelous program in Pediatric Oncology, headed by Dr. Campbell McMillan; in Surgical Oncology, headed by Dr. James Newsome; in Gynecologic Oncology, headed by Dr. Wesley Fowler, Jr.; in Medical Oncology, headed by Dr. Robert Capizzi, who just joined us from Yale. These men and their colleagues represent an impressive array of talent and expertise in the diagnosis and treatment of cancer.

Our Center for Cancer Research represents a thrust into the basic biology of malignant disease in humans. Undergirded by a National Cancer Institute Cancer Center grant, we have assembled an outstanding collection of investigative capability in the various disciplines which bear upon the fundamental biology of cancer problems. Indeed, it is my conviction that this group of scientists will soon have international visibility. It is absolutely essential that we raise $2.5 million within the next several months to provide the matching basis for a grant proposal to the National Cancer Institute to build a research facility in which these scientists can do their important work.

I ask that every alumnus give consideration to how he or she might personally and through neighbors, friends, and patients help us raise this sum of money as soon as possible. If you need our help, please call Mr. Emory Hunt, Dr. Pagano, Dr. William Easterling, or me. We need your help on this project now.



London addresses year's goals

William Lord London, MD

When William Lord London, MD, was asked to be president of the Medical Alumni Association, he accepted because "I felt a responsibility to the University."

As president, London sees an additional responsibility—one belonging to his fellow alumni—to help support the UNC School of Medicine.

All alumni have a debt to repay, he said, because the school "trained us for what we are."

But first he must bring the alumni closer together.

London said the alumni "ought to be a liaison between the people who have left Chapel Hill and those in the medical school.

"I don't think the faculty are in as much contact with the outside as they should be, and those outside don't know enough about what is happening in Chapel Hill.

"There needs to be a forum to talk, and a mechanism to retain the personal contact within the university."

Medical school class size has doubled since London attended UNC, and is one reason he cites for the lack of the closeness he remembers:

"When I was a student, classes were a close-knit group, with close personal relationships with each other and the faculty."

London said he hopes to involve more of the alumni in activities held in Chapel Hill in an effort to fulfill his goals:

"I would like the alumni association gatherings to achieve more participation and I hope they can be structured to take advantage of all Chapel Hill has to offer, not just scientific contributions."

The association should foster personal as well as professional contact among physicians who attend school at UNC, he said. While scientific meetings are of interest, it is difficult to design them for an audience of medical alumni members which has within their group physicians of all specialties.

To get more participation, London said the association must offer more. "If you get people to come, you keep their interest."

The new president also hopes to increase the alumni's access to faculty members.

"There ought to be a loosely structured program where the alumni are invited back; education programs conducted, making the alumni a part of the regular teaching exercises of the faculty."

The biggest advantage of alumni gatherings, London emphasized, is that they are good for the University.

Alumni support of the institution is vital, he said. "Now, it's not near enough."

Loyalty fund contributions from alumni totaled about $28,000 last year. London said he hopes it will increase to $150,000.

The loyalty fund is especially important, he said, because the contributions are non-restricted and may be used where fiscal flexibility is needed.

"Contributors to the Co-Founders Club (Co-Founders donate $1,000 or more annually to this fund) have not been listed as contributors to the annual alumni loyalty fund," he said.

The Co-Founders Club is another unrestricted source of funds from medical alumni and other contributors whose efforts have also included contributions to special projects, such as the burn center or the cancer center.

Total contributions to the medical foundation totaled about $1.4 million last year.

London's new projects include establishing a Centennial Club, to be coordinated with the medical school's 100th anniversary in 1979.

Each member of the Medical Alumni Association will be asked to donate $200 for unrestricted use between 1977 and 1979. Contributors will receive special recognition and a Centennial memento.

Fund raising and additional alumni support are two of the challenges London hopes to meet, but there are more.

Finally, he said the *Bulletin* should continue to expand its reporting of alumni activities, particularly class news and events.

"The *Bulletin* is not a scientific journal," London said. "It should inform about the alumni and inform the alumni about the medical school."

Medical Alumni President Will London relaxes at home with wife Carolyn.

Will London, new president of the UNC Medical Alumni Association, was graduated from the School of Medicine in 1955, one member in a class of 63 new physicians.

The recent graduating class of 127 medical students shows not only that there are more doctors being educated in Chapel Hill but, according to London, that class size is making it more difficult to stay in touch. The Durham pediatrician has always maintained close ties with the university, which began when he first came to UNC as an undergraduate.

London wished to become a pediatrician like his uncle, the late A. H. London, '25, a past president of the alumni association (1947-48).

And he continued his association after graduating from medical school. London was associated with the pediatric hematology clinic at North Carolina Memorial Hospital until 1976, teaching residents and seeing patients a half-day each week.

His wife, Winston-Salem native Carolyn White London, graduated from the UNC School of Nursing in 1956.

Today in addition to his pediatric practice, London is the chief of the pediatric service at Durham County General Hospital (formerly Watts Hospital), a position he has held for more than 10 years.

The Londons have two children: Skip London, 20, a geology major at Dartmouth College in New Hampshire and John London, 16, a high school student at Forman's School in Litchfield, Conn.

Centennial lecture series announced

The Centennial Committee of the School of Medicine has announced a schedule of lectures leading up to celebration of the School's 100th anniversary in February, 1979.

Committee Chairman William W. McLendon, '56, said other activities planned to commemorate the Centennial include the publication of a pictoral history and an alumni directory, the minting of a commemorative coin and special Centennial celebrations in conjunction with medical alumni activities February 9-10, 1979.

Dr. McLendon said, it is hoped that the lecture series will "help build interest in the celebration of the Centennial, as well as make a scholarly contribution through publication of each speaker's lecture in an appropriate journal."

The series will focus on various aspects of American life during the period 1877-79, the timespan in which medical education at the University of North Carolina was beginning.

The accompanying schedule details topics, speakers and dates.

A lecture series sponsored by the James B. Bullitt History of Medicine Club commemorating the Centennial of the School of Medicine of the University of North Carolina at Chapel Hill:

When Medical Education was Beginning in Chapel Hill, 1877-79:

The United States
Elisha P. Douglass, professor of history, the University of North Carolina at Chapel Hill

October 12, 1977 at 7:30 p.m.
Room 103 Berryhill Hall
Co-sponsored by the Whitehead Medical Society

North Carolina and the South

J. Isaac Copeland, professor emeritus of history and director emeritus of the Southern Historical Collection, University of North Carolina at Chapel Hill

November 16, 1977 at 7:30 p.m.
Room 103 Berryhill Hall
Co-sponsored by the Chapel Hill Preservation Society

The University of North Carolina

William S. Powell, professor of history, the University of North Carolina at Chapel Hill

December 4, 1977 at 4 p.m.
Hamilton Hall
Co-sponsored by the Chapel Hill Historical Society

The Sciences

Charles W. Hooker, professor of anatomy, the University of North Carolina at Chapel Hill

January 11, 1978 at 7:30 p.m.
Wilson Hall
Co-sponsored by the Elisha Mitchell Scientific Society

Hospitals

Clark R. Cahow, associate professor of history, director of admissions and registrar, Duke University

February 8, 1978 at 7:30 p.m.
Historical Room, Health Sciences Library
Co-sponsored by the Trent History of Medicine Society at Duke University

Medical Education

Dorothy Long, associate director emeritus, Health Sciences Library, the University of North Carolina at Chapel Hill

March 9, 1978 at 7:30 p.m.
Room 103 Berryhill Hall
Co-sponsored by Alpha Omega Alpha

Medicine

Robert T. Whitlock, associate professor of clinical medicine, Columbia University College of Physicians and Surgeons, New York, N.Y.

April 7, 1978, at 2 p.m.
The Carolina Inn Ballroom
Co-sponsored by the Medical Alumni Association and held in conjunction with their annual meeting

Dentistry, Public Health, Pharmacy and Nursing

Grover C. Hunter, Jr., professor of periodontics, the University of North Carolina at Chapel Hill

April 26, 1978 at 7:30 p.m.
School of Public Health Auditorium
Co-sponsored by the student branches, American and North Carolina pharmaceutical associations

Extracts

Hemophilia center designated

The UNC School of Medicine and the Bowman Gray School of Medicine in Winston-Salem have been jointly designated by the federal Health Service Agency as one of the nation's 17 Comprehensive Hemophilia Diagnostic and Treatment Centers.

As a partner in the center, the UNC medical school will receive $75,000 to $100,000 during the year for the care of 250 patients with inherited bleeding disorders.

Harold Roberts, MD, professor of medicine and pathology, will direct the UNC portion of the center. Co-directors are pediatric professor Campbell McMillan, MD, and Philip Blatt, MD, assistant professor of medicine.

William Webster, DDS, professor of dentistry and pathology, will be deputy director.

About 50 hemophilia patients currently receive treatment for their bleeding disorders, which includes teaching them how to treat themselves at home.

Alcohol use can harm fetuses

A two-year study at UNC-CH shows that the excessive use of alcohol during pregnancy can produce stillbirths, early mortality and birth defects.

The research is being funded by the N.C. Alcoholism Research Authority and is headed by Fred W. Ellis, MD, PhD, professor of pharmacology, and James R. Pick, DVM, veterinarian and director of the division of laboratory animal medicine.

Through a series of experiments in which pregnant dogs were given increasing amounts of alcohol, Ellis and Pick examined the degree of severity of the effects of alcohol upon fetal development.

At the lowest level of alcohol consumption, three grams of alcohol per kilogram of body weight each day, the offspring were apparently normal but the incidence of still births rose 29 per cent.

(Researchers equated this with a 125 lb. woman drinking about 14 ounces of 100-proof vodka a day.)

The most significant results occurred in pregnant animals given about 4.2 grams of alcohol per kilogram of body weight. In this group, the average number per litter decreased from a normal 5.5 to 2.8 offspring. Stillbirths remained high while 43 per cent of the offspring died within 48 hours. The average body length and head circumference were less than normal.

Lead study to pinpoint hazards

A team of researchers at the UNC School of Medicine has discovered that exposure to lead pollution delays sexual maturation in female rats, suppresses their bodys' immune system and even at low levels, can cause kidney damage.

These discoveries were found in studies of the effects of environmental pollution on the central nervous system.

The scientists cautioned against applying the conclusions to humans, but added that the hormonal functions which accompany the development of the reproductive systems in rats and humans are similar.

The researchers are studying the more subtle effects of lead as an environmental hazard.

"We are looking into the possibility that there are other effects that aren't so obvious," said Dr. Martin Krigman, a pathology professor who heads the five-year, $350,000 project funded by the National Institute of Environmental Health Sciences.

"The nervous system has a great ability to adapt to changes in the environment so that, at first glance, everything appears normal," Krigman said. "But if changes such as increased lead levels are coupled with such stresses as diseases, malnutrition, drugs or old age, adverse effects may become manifest."

In addition, the physicians are hoping "to establish the thresholds at which different deleterious effects begin to occur," said Dr. Lester Grant, associate professor of psychiatry and anatomy and the project's co-investigator.

Why trauma can cause brain damage

UNC medical researchers are trying to discover why brain damage is the leading cause of death among trauma victims—even those who have not suffered head injuries.

The study, funded by a $36,000 grant by the Office of Naval Research, will look into the ways brain cells function, said Herbert Proctor, MD, director of the N.C. Memorial Hospital trauma center.

While the death rate among trauma victims at Memorial Hospital is only about five per cent, "A good three-fourths of those who die succumb to cerebral dysfunction," Proctor said, "although many of the patients have no apparent brain injuries when they are admitted."

Initial studies using rats show that brain cells may remain oxygen-starved even after normal blood flow is resumed and there is an adequate supply of oxygen in the arteries of the brain.

"If it is purely a problem of oxygen delivery, we could simply beef up the amount of oxygen in the blood," Proctor said. "We have the ability to develop 'super cells' in the blood that are capable of carrying large amounts of oxygen."

But the trauma researcher said that "somehow during the period of shock, the cells may lose the ability to generate their energy supply, which results in brain damage."

UNC-Egypt propose exchange

Medical educators from Alexandria University in Egypt met in May with representatives of the UNC School of Medicine to discuss a student-faculty exchange program and collaborative research projects.

The two schools will propose the plan to officials at the U.S. Department of Health, Education and Welfare in an effort to seek federal funds.

The educators are primarily interested in infectious disease and immunology research.

Student exchange program proposals include elective courses and summer sessions.

LOYALTY FUND/1976 DONORS

Class Amount

'16
*Fred C. Hubbard, North Wilkesboro

'17 $25
Frank B. Marsh, Salisbury

'19 $735
Verne S. Caviness, Raleigh
Kenneth B. Geddie, High Point
A. Jones Smith, Black Creek
W. G. Wilson, Jr., Smithfield

'21 $125
D. Greenlee Caldwell, Concord
R. L. Murray, Graham

'24 $75
Newsom P. Battle, Rocky Mount
*John W. Ormand, Sr., Monroe

'25 $85
E. Eugene Covington, Hallandale, FL
Donald P. Ross, Youngstown, NY
J. H. Wall, White Plains, NY

'26 $35
*Zachary F. Long, Rockingham
Angus M. McDonald, Charlotte
Martha Wood, Edenton

'27 $300
Verne H. Blackwelder, Lenoir
Leonard E. Fields, Chapel Hill
B.L. Matthews, Vestal, NY
*John S. Rhodes, Raleigh
H.H. Serunian, Worcester, MA

'28 $390
*M.D. Bonner, Greensboro
W.E. Cook, Fayetteville
L.A. Crowell, Jr., Lincolnton
J.F. Crumpler, Rocky Mount
Carl Liles, Raleigh
Duncan S. Owen, Sr., Fayetteville
*Zack D. Owens, Elizabeth City
Charles W. Robinson, Jr., Charlotte
C. E. Simons, Wilson
S. Glenn Wilson, Sr., Angier

'29 $235
Vance T. Alexander, Ridgewood, NJ
A.C. Dick, Chestertown, MD
E. McG. Hedgpeth, Chapel Hill
Reid R. Heffner, New Rochelle, NY
*George M. Leiby, Albemarle
David A. Young, Raleigh

'30 $575
*Roscoe B.G. Cowper, Big Spring, TX
James N. Dawson, Riegelwood
Charle P. Graham, Wilmington
Clifford F. Hudson, Fork, MD
Rufus R. Little, Paramus, NJ
Augustus S. Rose, Beverly Hills, CA

'31 $275
*James M. Alexander, Charlotte
Louis Appel, Flushing, NY
Landis G. Brown, Southport
*Haskell W. Fox, Greenville, TN
Ralph B. Garrison, Hamlet
*Jean C. McAlister, Greensboro
J. Allen Whitaker, Rocky Mount

'32 $295
David L. Avner, Greensboro, PA
*Sterling A. Barrett, Waterloo, IA
Mary Margaret McLeod, Sanford
Howard Q.L. Little, Gibsonville
George P. Rosemond, Philadelphia, PA
T.J. Taylor, Roanoke Rapids

'33 $25
Glenn S. Dickson, Philadelphia, PA

'34 $605
A.L. Barringer, Mt. Pleasant
Frances E. Brennacke, Rockville, MD
J.U. Gunter, Durham
Robert L. McDonald, Thomasville
William B. Patterson, Wailuku, HI
Curtis G. Southard, Rockville, MD

'35 $690
Frederick D. Austin, Jr., Charlotte
Milton S. Clark, Goldsboro
*Frank Edmundson, Jr., Asheboro
Thomas A. Henson, Greensboro
Julien H. Meyer, Roanoke, VA
Fred G. Patterson, Chapel Hill
H.C. Patterson, Chapel Hill

Loyalty Fund Chairman Durward Tyndall, '54 (left) and MAA President Will London, '55, exchange the first two 1977 Loyalty Fund Gifts.

James C. Peele, Kinston
Edward W. Pfeiffer, Jr., Morganton
Walker Stamps, Hampton, VA
W. Howard Wilson, Raleigh

'36 $425

Leo Esbin, Wantagh Long Island, NY
Will Lassiter, Smithfield
Landis P. Mitchell, Spindale
Otto S. Steinreich, Akron, OH
*Annie Louise Wilerson, Raleigh

'37 $525

Jules B. Aaron, Neponsit, NY
Beaty L. Bass, Rutherfordton
William H. Davis, Seal Beach, CA
Elizabeth Dotterer, Sanford
Walter S. Hunt, Jr., Raleigh
Robert L. Norment, Arlington, VA
Walter J. Pijanowski, Elmira, NY
C.W. Sensenbach, Murfreesboro, TN
Arthur I. Sims, Arlington, VA
W.A. Van Nortwick, Jacksonville, FL

'38 $310

Olivia Abernethy, Greensboro
Thomas W. Crowell, Bellingham, WA
John C. Grier, Jr., Pinehurst
Evelyn P. Ivey, Wilmington, DE
Robert B. Lindsay, Chapel Hill
*James R. Wright, Raleigh

'39 $395

Jesse Appel, Kew Gardens, NY
Jesse Caldwell, Gastonia
*Ben F. Fortune, Greensboro
Max M. Novich, Perth Amboy, NJ
Edwin A. Rasberry, Jr., Wilson
Pearl Huffman Scholz, Baltimore, MD
Thomas G. Thurston, Salisbury

'40 $350

Vernon L. Andrews, Mt. Gilead
*H. Haynes Baird, Charlotte
Phil L. Barringer, Monroe
Henry C. Guynes, Garland, TX
Joseph William Kahn, Franklin
French H. McCain, Birmingham, MI
William T. Raby, Charlotte
John L. Ranson, Jr., Charlotte

'41 $125

James W. McLean, Fayetteville
*Foyell D. Smith, Lexington
Frederick L. Tunick, Rockaway Park, NY
*Ernest H. Yelton, Rutherfordton

'42 $810

Jerry H. Allen, Springfield, MO
*F.A. Blount, Winston-Salem
O. Watts Booth, Newport News, VA
James E. Davis, Durham
Louis D. Hayman, Jr., Jacksonville
William E. Hoy, Jr., Ashland, KY
*John F. Lynch, High Point
John H. Miller, Bartow, FL
I.F. Nesbitt, Newport News, VA
James D. Piver, Jacksonville
G.W. Plonk, Kings Mountain
Charles L. Putzel, Jr., Selma, AL
Hugh P. Smith, Naples, FL

'43 (March) $350

*John R. Chambliss, Rocky Mount
David S. Citron, Matthews
Sara T. Morrow, Greensboro
Robert M. Packer, Jr., Waycross, GA
John H. Reed, Gainesville, GA
Frank Russell Reynolds, Wilmington
Carlos James Ross, Selma, AL
*Kenneth W. Wilkins, Goldsboro

'43 (December) $835

*Joseph W. Baggett, Fayetteville
Joseph R. Blair, Aberdeen Proving Ground, MD
Julian T. Brantley, Greensboro
Douglas H. Clark, Lumberton
*Robert G. Currin, Henderson
Joseph P. Demeri, Kew Gardens, NY
Robert W. Elwell, Ocean City, NJ
W.H. Meroney, Portsmouth, RI
S. Malone Parham, Henderson
Leon W. Robertson, Rocky Mount
James H. Shell, Jr., Baltimore, MD

'44 $640

Leon Ashby Adams, Wilson
Robert J. Andrews, Wilmington
J. Vincent Arey, Concord
*Earl E. Correll, Kannapolis
J.S. Gaul, Jr., Charlotte
*James H. Hawkins, Graham
James H. Manly, Jr., Raleigh
George D. Penick, Iowa City, IA
*George A. Smedberg, Burlington
John Mitchell Sorrow, Jr., Chapel Hill
R.S. Spain, Raleigh
Margaret C. Swanton, Chapel Hill
Charles W. Tillett, Jr., Charlotte
Edwin J. Wells, Wilmington

'45 $875

George Walker Blair, Jr., Burlington
George Robert Clutts, Greensboro
J. Hicks Corey, Jr., Chattanooga, TN
Courtney D. Edgerton, Raleigh
Grafton C. Fanney, Jr., Euclid, OH
*Robert G. Fitzgerald, Roxboro
Harold L. Godwin, Fayetteville
Ben M. Gold, Jr., Rocky Mount
Kirby T. Hart, Jr., Petersburg, VA
*Hampton Hubbard, Clinton
Weldon H. Jordan, Fayetteville
C.T. Mangum, Jr., Highlands
Jim U. Oliver, Raleigh
John R. Pender, Charlotte
James E. Ribet, Asheville
*Henry Lee Sloan, Charlotte
T.L. Stokes, Norfolk, VA
Ferdinand F. Szabo, Berwick, PA
James S. White, Greensboro

'46 $420

*William W. Forrest, Greensboro
Charles G. Lewallen, Garret Park, MD
J. Edward McKinney, Chattanooga, TN
Morton E. Pizer, Raleigh
William G. Sanford, Winston-Salem
William E. Sheely, Alexandria, VA
*H.M. Stenhouse, Jr., Baton Rouge, LA
Henry L. Stephenson, Jr., Washington
*Arthur R. Summerlin, Jr., Raleigh
Thomas E. Whitaker, Greenville, SC
*Dexter T. Witherington, Kinston

'47 $215

Barbara Carol Newborg, Durham
Thomas Royal Newitt, Redondo Beach, CA
J. Lloyd Pate, Fairmont
C. Roy Rowe, Jr., Statesville

'48 $525

Verna Y. Barefoot, New Bern
Fred W. Ellis, Chapel Hill
Tyndall P. Harris, Chapel Hill
Richard E. Rankin, Mount Holly
Shirley L. Rivers, Atlanta, GA
Charles L. Saunders, Jr., Burlington
Emily Tufts, Portland, OR
T. English Walker, Charlotte

'49 $325

Hoke V. Bullard, Jr., Wilson
J. Dewey Dorsett, Charlotte

LOYALTY FUND/1976 DONORS

Christopher C. Fordham, III, Chapel Hill
Charles F. Melchor, Bloomington, IL
*Rose Pully, Kinston
Maxine D. Wallace, Oakland, CA

'50 $1,015

Gertrude A. Bales, Rochester, NY
*Frederick O. Bowman, New York, NY
Wayne F. Boyles, Hickory
W.G. Byerly, Hickory
J.O. Carson, Grifton
Julian B. Coleman, Greenville
Elwood B. Coley, Lumberton
*John T. Dees, Burgaw
C.F. Gilliam, Thomasville
Gordon R. Heath, Lakeland, FL
*Vonnie Hicks, Jr., Raleigh
J.B. Huneycutt, Rock Hill, SC
Harvey W. Johnston, Charlotte
B.H. Josephson, Short Hills, NJ
William S. Joyner, Chapel Hill
John A. Kirkland, Wilson
L.B. Leinbach, Winston-Salem
*John Lewis McCain, Wilson
*James Peedin, Jr., Burgaw
Eugene B. Sharpe, Asheville
Claiborne T. Smith, Jr., Philadelphia, PA
John F. Trotter, Atlanta, GA
George F. Tucker, Zebulon
C. Vernon, Wilmington
John L. Watters, North Caldwell, NJ
S.K. Willis, Jr., Mount Holly

'51 $ 400

John S. Barlow, Concord, MA
R.J. Blackley, Raleigh
William B. Blythe, Chapel Hill
O.B. Bonner, Jr., Daytona Beach, FL
*Baxter N. Byerly, Tallahassee, FL
Alton J. Coppridge, Durham
*Lawrence J. Hartley, Freeport, TX
*Stanton Vance Huffman, Elon College
Frederick L. Nance, Kannapolis
*Louis J. Norris, Jr., Morehead City
*Vernon Watson Pugh, Jr., Raleigh
*Corbett L. Quinn, Magnolia
James B. Raymer, Charlotte
Claude Alfred Smith, Winston-Salem
Charles C. Stamey, Winston-Salem
Richard I. Walker, Chapel Hill

'54 $325

Leland S. Averett, High Point
Paul H. Brigman, Trinity
*Malcolm Fleishman, Fayetteville
Charles B. Fulghum, Atlanta, GA
*W.J. Grant, III, Winston-Salem
Thomas H. Patterson, Farmville
Charles H. Powell, Mars Hill
William H. Weinel, Jr., Wilmington

'55 $2,355

*Harvey Adams, Asheboro
Julian S. Albergotti, Jr., Charlotte
Robert G. Brame, Durham
Ralph E. Brooks, High Point
E. Ted Chandler, Winston-Salem
George E. Cox, Lockwood, NY
*Walter E. Deyton, Danville, VA
Griggs C. Dickson, Charlotte
C.C. Dudley, Jr., Elkin
*J. Eugene Glenn, Jacksonville, FL
*James D. Groseclose, Randleman
*James W. Hayes, III, Burlington
William D. Huffines, Chapel Hill
*Samuel G. Jenkins, Jr., Elizabeth City
Adrian S. Lineberger, Fairfax, VA
W.L. London, IV, Durham
R.L. McKnight, Shelby
John T. Monroe, Jr., Chapel Hill
*Stewart L. Mooring, Rutherfordton
O.F. Roddey, Jr., Charlotte
Henry L. Stephenson, Washington
*Robert L. Summerlin, Jr., Dublin
G. Reginald Tucker, Jr., Henderson
W. Wallace White, Cincinnati, OH

'56 $1,020

*Thomas E. Castelloe, Raleigh
*Lee A. Clark, Jr., Wilson
Charles W. Fowler, III, Orlando, FL
Francis W. Green, Albemarle
John L. Hazlehurst, Asheville
H.M. Lee, Jr., Lumberton
Otis M. Lowry, Spring Hope
Marvin McCall, Charlotte
*William W. McLenion, Chapel Hill
J.D. Medders, Louisburg
Robert L. Murray, Roanoke, VA
*John S. Noell, Metairie, LA
F.D. Pepper, Jr., Winston-Salem
George L. Pittman, Burlington
W.R. Stafford, Greensboro
*James G. Todd, Jr., Hendersonville
*John W. Vassey, Raleigh
*Leonard S. Woodall, Smithfield

'57 $885

*Joseph J. Allen, Portsmouth, VA
Robert S. Cline, Sanford
Joel D. Conner, Gastonia
William P. Cornell, Phoenix, AZ
T. Albert Farmer, Memphis, TN
John K. Farrington, High Point
*Julius A. Green, Jr., Raleigh
*John Grayson Hall, Dobson
B.A. Hayes, Jr., Fayetteville
*G.L. Irvin, III, Coral Gables, FL
Thomas M. Johnson, Smithfield
*Richard V. Liles, Jr., Albemarle
H. Maxwell Morrison, Jr., Pinehurst
Harvey A. Page, Pikeville, KY
*H.J. Ritchie, Concord
Irl T. Sell, III, Phoenix, AZ
James N. Slade, Edenton
*James H.M. Thorp, Rocky Mount
Benson R. Wilcox, Chapel Hill
Clinton W. Wilson, Benton Harbor, MI

'58 $640

James T. Alley, Goldsboro
M. Paul Capp, Tucson, AZ
George E. Ennis, Hickory
Alfred W. Hamer, Morganton
John S. Howls, Raleigh
Walter N. Long, Jr., Taylorsville
*P.D. McMichael, Jr., Reidsville
Luther Nelson, Amarillo, TX
*William R. Story, Charlotte

'59 $650

*Cecil L. Barrier, Lawndale
*Robert C. Brown, Rutherfordton
Charles F. Gilbert, Greenville
*Robert L. Green, Winston-Salem
Wade W. Harrell, High Point
James A. Keley, Kalispell, MT
*Arthur Sherman Morris, Jr., Asheville
Julian Wood Selig, Jr., Norfolk, VA
*Martha Sharpless, Greensboro
Robert Lee West, Greenville
Franklin D. White, Siler City

'60 $325

William B. Abernethy, Jr., Gastonia
Robert H. Hackler, III, Richmond, VA
James R. Harper, Chapel Hill
G. Wycliffe Hoffler, Seabrook, TX
*K.F. McCain, Winston-Salem
Duncan S. Owen, Jr., Richmond, VA
George T. Strickland, Bethesda, MD
*John Cotten Tayloe, New Bern
P. Burt Veazey, Sarasota, FL

'61 $290

James H. Blair, Columbia, SC
E.F. Edwards, Charlotte
Richard W. Hudson, Bayboro
*Lloyd D. Lohr, Lexington
A. Ray Newsome, Winston-Salem
*Louie L. Patseavouras, Greensboro
Leonard E. Reaves, III, Fayetteville
W.R. Samuels, Charlotte
*Edward A. Sharpless, Greensboro
W. Ferrell Shuford, Jr., Wilmington
Josh Tayloe, Washington

'62 $945

Karl Lee Barkley, Greensboro
Oscar H. Bolch, Jr., San Diego, CA
Robert A. Carter, Nashville, TN
G. Thomas Davis, Asheboro
Marion W. Griffin, Asheboro
Edward McG. Hedgpeth, Jr., Durham
Arthur S. Lynn, Jr., Conover
William J. Murray, Durham
William R. Pitser, Winston-Salem
John F. Rhodes, Raleigh
Lambros Rigas, Rome, GA
*Dawson E. Scarborough, Rocky Mount
Henry C. Turner, Winston-Salem
*Abner C. Withers, Drexel

'63 $670

J. Andrew Burnahm, Miami Shores, FL
I. Kelman Cohen, Richmond, VA
D.L. Copeland, Winston-Salem
John W. Dalton, Jr., Los Angeles, CA
William B. Deal, Gainesville, FL
William O. Jolly, III, Albemarle
J. Marshall McLean, Peoria, IL
W. Bryan Latham, Lake Park, FL
Charles J. Sawyer, III, Ahoskie
Samuel E. Scott, Burlington
Jerry A. Smith, Augusta, GA
*Roy A. Weaver, Fayetteville
David R. Williams, Thomasville

'64 $2,575

Rudolph F. Albert, Roanoke, VA
J.W.D. Atchison, Ruston, LA
Lawrence Berman, Nashville, TN
Bruce H. Berryhill, Charlotte
Harry L. Broome, Norcross, GA
Robert D. Croom, III, Chapel Hill
Roy L. Curry, Jr., San Francisco, CA
Earl Elliott Fisher, Jr., Wilson
Clyde M. Gaffney, St. Petersburg, FL
G.P. Henderson, Jr., Southern Pines
E. Carmack Holmes, Pacific Palisades, CA
E. Woodrow Hunt, San Diego, CA
Mickael M. Kannan, Richmond, VA
Wilbur K. Kilpatrick, Southern Pines
W. Knox Kinlaw, Jr., Decatur, GA
Rufus H. Knott, Greenville
J. Ashe Macfie, Jr., Greenville, SC
Richard A. Mangum, Creedmoor
Murphy F. McGirt, Jr., Kinston
William M. Monroe, Greenville
Robert J. Pierce, Jr., Hickory
Marshall E. Redding, Downey, CA
J.W. Reynolds, Salisbury
Frank Sabiston, Jr., Kinston
Wayne B. Venters, Jacksonville
Clifford R. Wheeless, Jr., Lutherville, MD
James L. Williams, Spokane, WA
Robin N. Wooten, Lakeland, FL

'65 $995

James Wayne Battle, Jr., Jonesboro, TN
Daniel E. Brown, Raleigh
Edgar G. Gallagher, Ft. Campbell, KY
Charles P. Graham, Jr., Topeka, KS
Robert L. Grubb, Jr., St. Louis, MO
Joe W. Hardison, Fayetteville
John Edward Keiter, Ogden, UT
Sue E. Kirkpatrick, Los Angeles, CA
William C. Langdon, Richmond, VA
*Gordon Buck LeGrand, Raleigh
*William D. McLester, Richmond, VA
Llewellyn Phillips, II, Benton, WA
William F. Sayers, Winston-Salem
Evin H. Sides, III, Raleigh
Williamson B. Strum, La Jolla, CA
Donald P. Whitley, Richmond, VA

'66 $605

James C. Abell, Statesville
*Paul L. Burroughs, Jr., Raleigh
Cyrus L. Gray, III, Tampa, FL
C.L. Gray, High Point
Carol Hedden Hackett, Mercer Island, WA
Lewis Hicks, Lexington, KY
Thomas J. Koontz, Winston-Salem
Hugh G. Murray, Jr., Atlanta, GA
Thomas R. Newitt, Redondo Beach, CA
Robert E. Sevier, Greensboro
H. Lee Smyra, Greer, SC
W. Hunter Vaughan, Steubenville, OH

'67 $335

Phillip G. Arnold, Rochester, MN
Frederick D. Austin, Prospect, KY
Gerand W. Blake, Raleigh
George Bonham, Rock Hill, SC
Thomas W. Bundy, Chambersburg, PA
R. Donald Garrison, Jacksonville, FL
Harvey J. Hamrick, Chapel Hill
John W. Hollifield, Nashville, TN
Linda Hall Jackson, Topeka, KS
Scott Kleiman, Smyrna, GA
Philip R. Littleton, Burke, VA
Robert W. Madry, Jr., Corpus Christi, TX
Rudolph I. Mintz, Kinston
Gerald Pelletier, Jr., New Bern
*Joel E. Rothermel, New York, NY
Henry C. Thomason, Jr., Gastonia
B. K. Ward, Jr., Florence, SC
Barry M. Welborne, Charlotte

'68 $300

Theodora L. Gongaware, Savannah, GA
Thomas W. Griffin, Augusta, GA
W.F. Hancock, Jr., Siler City
*Sam Harris, Lexington
Hoke F. Henderson, Jr., Columbia, SC
John Lindsey Kirkland, Cherry Hill, NJ
Jerold E. Lancourt, New York, NY
R. Frank Lowry, Jr., Roanoke Rapids
Michael D. Lutz, La Jolla, CA
Carole W. Samuelson, Pittsford, NY
F. Charles Tucker, Jr., Pensacola, FL

'69 $130

H. Wallace Baird, Greensboro
Don C. Chaplin, Burlington
S.L. Ellington, Salt Lake City, UT
C. Richard Fleming, Rochester, MN
Henry J. MacDonald, Chapel Hill
David W. Pearsall, Greenville

'70 $505

H. Clifford Baggett, Camp Lejeune
Larry W. Boyles, Chapel Hill
Daniel L. Crocker, Rocky Mount
Charles E. Crumley, Lincolnton
H. Shelton Earp, III, Chapel Hill
Richard M. Freeman, Opelika, AL
Joseph M. Harmon, Fort Ruker, AL
W. Borden Hooks, Mt. Airy
F. G. Kroncke, Jr., Rocky Mount
James D. Melton, Morganton
Edward Norfleet, Chapel Hill
T. Reed Underhill, Portsmouth, VA
E. Lance Walker, Denver, CO
John W. Zirkle, Charlottesville, VA

'71 $310

John V. Allcott, Bronx, NY
James S. Coxe, III, Columbus, OH
Michael B. Jenkins, Denver, CO
Edgar W. Little, Greensboro
James A. Shivers, Biloxi, MS
Sara Hendricks Sinal, Winston-Salem

'72 $255

L. Franklin Cashwell, Chapel Hill
Noel K. Free, Seattle, WA
Karen W. Green, Cardiff-By-The-Sea, CA
A.V. Hamrick, Martinez, GA
Charles Dwight Hedgepeth, Greensboro
Thomas G. Irons, NY

LOYALTY FUND/1976 DONORS

Howard S. Kroop, Philadelphia, PA
Baxter C.J. Leonard, NY
John R. Lurain, Chesapeake, VA
W.J. Simons, Winston-Salem
Ronald J. Stanley, Boone

'73 $436

Fred F. Bahnson, Charlottesville, VA
Charles E. Baker, Pine Ridge, SD
Stephen Alan Bernhard, Clayton, MO
Stephen Bates Billick, Philadelphia, PA
Charles H. Edwards, II, Durham
John E. Estes, Chapel Hill
E. Ruffin Franklin, Tarboro
Marshall F. Goldberg, Chamblee, GA
Donald B. Goodman, Jr., Charlotte
Ira Greene, Menlo Park, CA
David A. Grimes, Decatur, GA
Robert R. Harry, Charlottesville, VA
F. Daniel Jackson, Penfield, NY
Colin D. Jones, Madison, WI
Stanley C. Jordan, Santa Monica, CA
Elisabeth A. Keller, New Haven, CT
J. N. Martin, Jr., Chapel Hill
Gary S. Niess, Birmingham, AL
W. Henry Purvis, Savannah, GA
Roy L. Ruff, New York, NY
David E. Sharp, Pawtucket, RI
Frank B. Sloop, Jr., Charlottesville, VA
George H. Underwood, Jr., Fayetteville
Michael A. Wall, Boston, MA

'74 $ 45

David R. Clemmons, Melrose, MA
Joseph Majstoravich, Jr., Pittsburgh, PA

'75 $260

Ernest F. Krug, III, Boston, MA
Gary M. McClain, San Diego, CA
Frank H. Moretz, Chapel Hill
Joseph R. Pringle, Jr., Portsmouth, VA
Carol B. Teutsch, Hummelstown, PA
Hendricks H. Whitman, III, Greenwich, CT

Non alumni $966

H. Stanley Bennett, Chapel Hill
C. A. Bream, Chapel Hill
K. M. Brinkhous, Chapel Hill
Harrie R. Chamberlin, Chapel Hill
Floyd W. Denny, Chapel Hill
John A. Ewing, Chapel Hill
John H. Ferguson, Chapel Hill
Newton Fischer, Chapel Hill
Charles H. Hendricks, Chapel Hill
Walter Hollander, Jr., Chapel Hill
J. Logan Irvin, Chapel Hill
Dr. & Mrs. Morris A. Lipton, Chapel Hill
Lockart B. Mason, Wilmington
C. Knox Massey, Durham
David L. McIlwain, Chapel Hill
Gustavo S. Montana, Chapel Hill
Pierre Morell, Chapel Hill
Paul L. Munson, Chapel Hill
Joseph Pagano, Chapel Hill
R. B. Raney, Chapel Hill
W. P. Richardson, Chapel Hill
Shirley Sanders, Chapel Hill
James H. Scatliff, Chapel Hill
Colin G. Thomas, Jr., Chapel Hill
Cornelius D. Thomas, Wilmington
Judson J. VanWyk, Chapel Hill
Clayton E. Wheeler, Jr., Chapel Hill
Robert W. Whitener, Greensboro

**These alumni of the UNC School of Medicine have memberships in the Co-Founders Club, which requires a $1,000 annual contribution.*

Notables

Two members of the School of Medicine faculty were honored during the sixth congress of the International Society on Thrombosis and Haemostasis held in Philadelphia.

ROBERT H. WAGNER, PhD, professor of pathology and biochemistry, was awarded the second International Prize of the French Association for Hemophilia.

HAROLD R. ROBERTS, MD, professor of medicine and pathology, was elected secretary-general of the International Committee on Thrombosis and Haemostasis. Roberts succeeds KENNETH M. BRINKHOUS, MD, UNC-CH professor and former chairman of pathology, who is retiring as secretary-general after 10 years.

WILLIAM H. BUNTIN, JR., associate professor of anesthesiology in the School of Medicine, is the new director of the outpatient surgery (Day-Op) program at the North Carolina Memorial Hospital.

The Kate B. Reynolds Health Care Trust has granted the UNC-CH School of Medicine $100,000 to help support the air fleet used by the schools' Area Health Education Center (AHEC) program.

WILLIAM E. EASTERLING, MD, chief of staff of North Carolina Memorial Hospital and associate dean of the UNC-CH School of Medicine, has been named vice dean of the medical school. He will continue to serve as chief on staff, a post he has held since 1974. Easterling is professor of obstetrics and gynecology in the School of Medicine. He joined the faculty in 1964.

Seven African educators in the field of nursing and midwifery met July 10 in Chapel Hill for a two-week conference in an effort to provide better health care for African families. They received specialized training in communication and consultation skills, curriculum planning and innovative teaching

methods and included representatives from Ghana, Nigeria, Kenya, Cameroon, Sudan and Egypt.

The working conference is part of the African Health Training Institutions Project, a five-year, $3.2 million program coordinated by the Office of Medical Studies at the UNC-CH School of Medicine and the Carolina Population Center.

DOROTHY LONG, former associate director and head of reader services in the Health Sciences Library, retired June 30 after nearly a quarter century of service. Long joined the University's library staff in 1952 as a cataloger and a year later was named reference librarian.

She plans to research and write about medical history in North Carolina.

The following members of the faculty of the School of Medicine have been promoted to professor: CARY W. COOPER, PhD, pharmacology; GEORGE H. HIMADI, MD, radiology; KENNETH J. LEVIN, MD, anesthesiology; MABLE M. PARKER, division of physical therapy, department of medical allied health professions; DR. PIERRE MORELL, biochemistry and nutrition; DR. MARY C. SINGLETON, anatomy and DR. ROGER L. LUNDBLAD, pathology and biochemistry and nutrition.

DR. NEWTON FISCHER, professor of surgery and chief of the division of otolaryngology, was named the first Thomas Jefferson Dark Professor.

DR. ROBERT NEY, professor and chairman of the department of medicine, was named the first Eunice Brennan Bernhard Professor.

DR. M. STEPHEN MAHALEY, JR., has been named professor of surgery and chief of the division of neurosurgery.

Four members of the division of medical technology, department of medical allied health professions, attended the annual conference of the American Society for Medical Technicians June 19-24 in Atlanta. SHARON L. PARKER, PhD, assistant professor, presented a paper, "Regionalized Continuing Education—Can It Work?" JANICE WEBSTER, PhD, associate professor, participated in the symposium, "Educational Methodologies in Clinical Microbiology" and presented a paper, "Practicum Instruction in Clinical Microbiology." Webster also served as judge for the Student Bowl, national competition. Also attending were R. CAROLE STEVENS, MT (ASCP) MS, assistant professor, who is currently advisor in North Carolina to the Student Forum of the society, and JOANNE STEPHAN, ScD, associate professor and director of medical technology.

Six groups of researchers from the division of thrombosis and haemostasis of the pathology department participated in the Sixth Congress of the International Society of Thrombosis and Haemostasis recently held in Philadelphia. The groups and the topics they presented are:

E.S. BARROW, PhD; H. M. REISNER, PhD and J. B. GRAHAM, MD, "Separation of Willebrand Factor from Factor VIII-Related Antigen."

H. A. COOPER, MD; DOROTHY LEE; M. A. LAMB and R. H. WAGNER, PhD, "The Apparent Separation of Factor VIII-Related Antigen and Coagulant Activity from von Willebrand Factor by an Immunoadsorbent."

J. D. GERATZ, MD; R. P. TIDWELL, PhD; K. M. BRINKHOUS, MD and S. F. MOHAMMAD, "Selective Inhibition of Platelet Agglutination and Aggregation by Aromatic Amidno Compounds."

H. R. ROBERTS, MD; K. S. CHUNG, PhD and J. C. GOLDSMITH, "Genetic Variants of Hemophilia B."

CHRISTINE VOGEL; H. S. KINGDON, MD, PhD and R. L. LUNDBLAD, PhD, "In Vitro Characterization of Rabbit Thrombin, Anti Thrombin III and Thrombin-Anti Thrombin III Complex and Determination of Their Survival Times in Vivo."

T. R. GRIGGS, MD; L. B. BUSTAD and C. A. ELY, RN, "Venous Doppler Velocity Examination in Pulmonary Thrombo-Embolism."

J. B. GRAHAM, MD, professor of pathology, reported recommendations of an international task force on nomenclature, and H. R. ROBERTS, MD, professor of medicine and pathology, reported findings of another task force on the clinical uses of Factor IX.

Five members of the UNC department of surgery, participated in the seventh annual Sports Medicine Symposium held July 1-3 at Wrightsville Beach. JEROME S. KING, MD, assistant professor, division of neurosurgery, spoke on "Diagnosis and Treatment of the Cervical Spine and Suspected Cord Injuries." W. PAUL BIGGERS, MD, associate professor of the division of otolaryngology, spoke on "Management of Acute Airway Obstruction on the Playing Field." JOSEPH L. DeWALT, MD, spoke on "The Use of Drugs in Sports." TIMOTHY N. TAFT, MD, assistant professor of orthopaedics, served as program chairman and moderated the first scientific session. FRANK C. WILSON, MD, professor of orthopaedics and chairman of the Committee on the Medical Aspects of Sports, sponsor of the symposium, moderated the second scientific session.

Retiring faculty discuss research, and memories

Carl E. Anderson, MD

William P. Richardson, MD

If you were to add up the number of years Carl E. Anderson and William P. Richardson have served on the faculty of the University of North Carolina at Chapel Hill, the combined total would be more than their respective ages.

Both Dr. Anderson, professor of biological chemistry and nutrition, and Dr. Richardson, professor of preventive medicine, have been associated with the School of Medicine since its early days as a four-year medical school.

Their retirements this past summer mark for each the conclusion of more than a quarter century on the medical school's faculty.

Anderson kept a fatherly eye on the antics of medical students as associate dean of student affairs in the School of Medicine from 1958 to 1962.

Some nights he was lucky if he slept at all.

"The dean of women at UNC-Greensboro used to call me up," Anderson said laughingly.

"Come and get your medical student," she'd say. "He's climbing up the vines on one of our girls' dormitories."

Dr. Anderson held joint appointments in the medical, dental, public health and graduate schools. During his career here, much of his research focused on the chemistry and metabolism of lipids, an area of study shared by the 10 graduate students he has trained. Many of those are now professors of biochemistry in medical schools and other health affairs departments.

But despite his retirement from the medical school, he will continue as the biochemist member of the Guatemalan Malabsorption Project Team, centered in the School of Public Health, which is studying why some people under unsanitary conditions may be unable to properly absorb food and its nutrients.

Anderson is the author of more than 90 articles concerned with nutrition. "Nutritional Support of Medical Practice," which he authored and co-edited, will be published by Harper and Row in July.

When Dr. Richardson arrived in Chapel Hill to pinch hit as district health officer for the N.C. Health Department, he was only planning to stay a few weeks.

Last month—nearly 40 years later—he retired from the School of Medicine faculty just before his 73rd birthday.

Dr. Richardson is one of a handful of professors whose association with the School of Medicine dates back to its expansion in 1952 from a two-year to a four-year school. That year he was appointed professor of preventive medicine and assistant dean for continuing education.

That post meant there were few physicians throughout the state who didn't know him personally.

Richardson initiated a popular weekly radio program for physicians in 1961 which enabled medical school faculty and physicians in local communities to communicate via two-way radios and telephone lines.

"I've never been as enthusiastic about Mr. Bell since," he said.

Richardson's University career began in 1936 when he was named associate professor of public health administration and instructor in medical information for social workers.

He also served as district health officer for Orange-Chatham-Person counties.

Dr. Richardson was the principal investigator and author of a pioneer study on handicapped children in Alamance County that helped lay the groundwork for an understanding of the state's total number of handicapped children and the services available to them.

He is a former president of the American College of Preventive Medicine, former president of the N.C. Public Health Association, the Durham-Orange Counties Medical Society and was the first president of the North Carolina Health Council.

Dr. Richardson, who first retired in December, 1971, but returned as a member of the part-time faculty a month later, still plans to continue his involvement with the medical school's preventive medicine residency program and plans to write a history of the American College of Preventive Medicine.

Deaths

Milton S. Clark, '35, Goldsboro
Ralph G. Fleming, '34, Durham
James A. Leventis, '74, Charlotte
Blackwell Markham, '20, Durham
Thomas F. Vestal, '27, Henryton, Md.
Joseph R. Westmoreland, '30, Canton

Class Notes

20's

ROY H. McDOWELL, '26, of Belmont, writes that he is still working full-time and is still making home cider.

30's

MAX NOVICH, '39, has been appointed Director of Sports Medicine of the orthopaedic surgery department at the New Jersey Medical School. Novich has served as medical advisor to major state, national and international committees in sports competition for years. He worked his way through undergraduate school at UNC on a boxing scholarship and was a member of the U.S. Olympic Boxing Committee (1972-76), has served on every Olympic Games medical jury for boxing since 1968 and is a consultant in boxing to the President's Commission on Olympic Sports.

HAROLD W. GLASCOCK, JR., '32, writes from Raleigh, where he returned to become a staff physician at Dorothea Dix Hospital after a medical career in the U.S. Army. Glascock said he left the army in 1961 as a colonel to become the Medical Director of Eaton Laboratories, Norwich Pharmacal Co., before returning to Raleigh in 1969. He married Dorothea Jaslow of Montreal, Canada in 1934 and has one son, Harold Glascock, III, who is studying for a master's degree in the foreign service at American University in Washington, D.C.

S. ARCHIE BARRETT, '32, of 317 Walnut Court Apts., Waterloo, Iowa, writes that although he was an EENT physician, he only practiced eye in recent years and was "forced to retire in 1972 due to arthritis. Since then, have had a broken hip, diabetes and a pacemaker. Otherwise, am in damn good shape. Will be glad to hear from any old fossil who is still able to push a pen."

J. C. GRIER, JR., '38, of Pinehurst served as the Regional Medical Officer for the Southeast Region contingent at the Boy Scouts of America National Jamboree Aug. 3-9 at Moraine State Park, Pennsylvania.

Although he retired May 31, 1971, LEWIS M. McKEE, '31, works one day a week as Medical Consultant for Blue Cross-Blue Shield and is the medical director for the Hillcrest Convalescent Center in Durham. He has a granddaughter, Syvil E. Pate, a junior at UNC, who recently graduated from St. Mary's College in Raleigh.

HUGH H. McALLISTER SR., '35, now practices office OB-GYN and has stopped doing surgery and deliveries. But he says he is enjoying giving golf clinics and teaching at Maisons-Sur-Mer at Myrtle Beach, S.C. He is also living "very inexpensively" as "the infirmities of old age are devastating."

ROWLAND ZEIGLER, '35, is practicing gynecology in Florence, S.C., where in his spare time he is involved with seashells. Zeigler writes that he won two blue ribbons for seashell exhibits at the Jacksonville, Fla., annual shell show. He also placed a seashell exhibit in the Florence Museum this summer.

LAURA ROSS-VENNING, '36, is working part-time with the Center for Human Development in Charlotte. She has four grandchildren, all living in the state. HOWARD Q.L. LITTLE, '32, of Gibsonville, says he is "slowing down at 68 but going on with family practice solo." He visited with MARGARET McLEOD and FLETCHER SAIN at 1976 UNC Medical Alumni Convention and said that while they are all getting older, they look forward to this year's gathering.

40's

T. LANE STOKES, '45, has been promoted to associate

professor at Eastern Virginia Medical School in Norfolk, Va. LEWIS E. JONES, '45, was promoted to Brigadier General in the USAF Reserve April 6. He is assigned as a mobilization assistant to the Command Surgeon Tactical Air Command at Langley Air Force Base, Virginia. He continues as Chief of Staff at the Veterans Administration Hospital in Atlanta, Ga. and is also a faculty member at Emory University's School of Medicine. He serves as secretary and a board member of the Atlanta Association for Retarded Citizens.

F. A. BLOUNT, '42, of Winston-Salem, became Associate Medical Director of the physician's assistant program and assistant professor of pediatrics in July after leaving a private pediatric practice for 28 years.

J. STUART GAUL, JR., '43, has resumed the chairmanship at the department of orthopaedic surgery at Charlotte Memorial Hospital after stepping down from president of the visiting medical staff for the past two years. He held the departmental chairmanship for six years before the VMS presidency and has practiced orthopaedic and hand surgery in Charlotte for 23 years. Gaul says he occasionally sees CHARLES W. TILLETT, JR., '44, an ophthalmologist; and MARY LOU RUTLEDGE McGREGOR, '46, a pediatrician, both former classmates who practice in Charlotte.

ROBERT J. ANDREWS, '44, of Wilmington, received a certificate for the recertification of the American Board of Family Practice and is in the process of building a new office building.

LEWIS E. JONES, '45, of Atlanta, Ga., was promoted to Brigadier General in the USAF Reserve and is continuing his assignment as the mobilization assistant to the Command Surgeon, Tactical Air Command at Langley Air Force Base in Virginia. He is still working as the Chief of Staff at the V.A. hospital in Atlanta, Ga. and as assistant dean for professional services at the hospital for Emory University School of Medicine, where he is an assistant professor of medicine.

LUTHER KELLY, JR., '46, of Charlotte, practices at the Nalle Clinic with 42 other physicians, many of whom studied at UNC. As president of the clinic, he is active in the American Group Practice Association. Both of his children are in college, he writes, "but I could not pursuade them to go to Chapel Hill." FRANCIS P. KING, '44, practices internal medicine in New Bern with ROBERT P. HOLMES, III, '56; JOHN R. BAGGETT, III, '56 and RONALD A. MOORE, '72.

STEPHEN H. MAZUR, '40, is Director of Anesthesia at Wayne County Memorial Hospital in Goldsboro. He has recently returned from a trip to Hawaii where he visited his daughter who lives at Pearl Harbor.

EDGAR T. BEDDINGFIELD, JR., '46, was appointed to the HEW Committee on National Health Insurance to present the private practice viewpoint. The Committee is currently traveling throughout the country and into Canada to study various health care models. The experience, he says, is "simultaneously interesting, sometimes fascinating, frequently frightening. Out of this President Carter expects to send his proposal for National Health Insurance to the Congress early next spring."

WELDON H. JORDAN, '45, happily reports that Weldon Jordan, Jr., is a member of the Class of '81 at the UNC School of Medicine. Three other sons are also in college this year, at least one of which is considering medicine as a career.

50's

TOM NOONE, HS, '57-58, is currently chairman of the maternal welfare committee of the Camden County Medical Society in New Jersey. He is involved in human sexuality education in the Diocese of Camden grammer and high schools. Noone is treasurer of Our Lady of Lourdes Hospital Medical Staff and an OB-GYN instructor at Jefferson Medical College.

ANDREW C. MILLER, '55, has a family practice in Gastonia, where he lives with his family, including five children. The oldest child, Laura Miller, is a student at UNC.

COL. ROBERT A. FARMER, '56, will be at the David Grant Medical Center at Travis AFB, Calif. after spending three years in Germany. WILLIAM B. WOOD, '56, has returned to full-time responsibility at the pulmonary division in the department of medicine at the UNC School of Medicine. Wood has also been appointed as director of the adult allergy clinic and associate director of continuing education.

LAURENCE E. EARLEY, '56, has been appointed chairman of the department of medicine at the University of Pennsylvania.

G. REGINALD TUCKER, JR., '55, of Henderson, is still in practice with M. W. Webster, brother of W. BEN TUCKER, '66 and RODDY DRAKE, '72 at the Henderson Family Medicine Clinic. Tucker says the clinic has a "fairly regular flow of students from the UNC School of Medicine" and that he successfully took the re-examination in the Board of Family Medicine last year.

JAMES H. BURRUS, '57, of Shelby, says he enjoyed the 20th year class reunion but missed the Tin Can which was removed for new construction before his last visit to the campus. Burrus is practicing gynecology.

ROBERT BRAME, '55, has been named chairman of the OB-GYN department at the East Carolina University School of Medicine. DAVID L. COLLINS, '52, remains busy in his general surgery practice in Concord and Kannapolis at Cabarrus Hospital, which is affiliated with Duke Hospital.

Brame writes that his five children are doing well and that he and his wife enjoyed the trips with the UNC alumni to the Caribbean this year and to the Soviet Union last year.

CAROLYN E. CULBRETH BARKER, '58, of Oxford, serves as director of Medical Services for John Umstead Hospital where she has worked for more than 18 years. She is married to Ollie Tilmar Barker, II, and has three children.

JOHN A. KIRKLAND, '50, was elected President of the N.C. Obstetrical and Gynecological Society and Vice-Chairman of the N.C. section of the American College of Obstetricians and Gynecologists.

60's

J. LEWIS SIGMON, JR., '66, has become the Associate Director of the Family Practice Residency Program at Charlotte Memorial Hospital and Medical Center. J. TIFT MANN, III, '69 has joined the Raleigh Internal Medicine Associates. CARROL L. MANN, III, became president of the Safari Club International July 1. He is currently president of the N.C. Wildlife Federation and vice-chairman of the N.C. Museum of Natural History. Mann lives in Raleigh and is a neurosurgeon.

CAROL HEDDEN HACKETT, '66, had her third child, a daughter, Susanne Rochet Hackett, in January and will work part-time in general practice in Bellevue, WA, beginning in April. JOHN R. CURTIS, '60, who is director of the health service at the University of Georgia in Athens, was voted president-elect of the American College Health Association at the spring meeting in Philadelphia. Curtis will assume the office of President in spring, 1978, where he will oversee the development and presentation of the Sixth National Conference on College and University Health. He has also served as President of the Southern College Health Association and Vice-President of Sections of the American College Health Association, is a Fellow in the American College Health Association and the American Psychiatric Association, a Trustee of the Georgia Psychiatric Association and a member of the Governor's Council on Mental Health and Mental Retardation.

CHARLES E. FITZGERALD, JR., '60, writes that although he is in his 11th year of private practice in Winter Park, Fla., that contrary to the Class of '60 predictions, he is not the richest graduate. "I'm sorry about that," he says.

MARION GRIFFIN, '62, has become involved in the Florida-based Christian Medical Foundation. Griffin is also president of the Asheboro chapter of Full Gospel Businessmen's Fellowship.

TIMOTHY C. POIRER, HS, '68, writes that he and three other "house staff alumni", DAVE GARDNER, '71, PHIL STAFF and KEN GRAFF, '68, are part of a group of 11 internists practicing in Melbourne, Fla.

JAMES R. STARLING, HS, '69, has recently moved to Madison, Wisc. where his new address is the Surgical Service, Veterans Administration Hospital.

BRUCE A. PHILLIPS, JR., '67, practices internal medicine and gastroenterology in Elizabethtown where he received the Distinguished Service Award from the local Jaycees this year. He was appointed to the N.C. State 4-H Development Foundation and executive board. He recently became medical supervisor of the Bladen County Health Department where he supervises health department nurses and a physician's extender.

JAMES E. COLLINS, '68, became Clinical Director of the "Foundation for Creative Living," an organization which offers diverse approaches to solving problems in human relationships.

JAMES A. SCHOETTLER, HS, '64, of Washington, D.C., says his youngest child, Robin, will join her brother and sister in college this fall. She will be at UNC, which Schoettler says rekindles "fond memories of our stay in Chapel Hill when she was a pre-schooler." In addition to practicing psychiatry, he is Medical Director for a system of clinics for the indigent in Montgomery County, Md., a position that "also allows me to enjoy practicing primary care medicine." At the same time, Schoettler says that his wife, Ellouise, "is busily carving out for herself a national reputation as a painter."

J.A. MACFIE, JR., '64, of Conover, became a five-year veteran of Carolina Surgical Associates in August at Greenville, S.C. He and his wife Betty had a son, Jefferys Asle Macfie III (Jeff) last November. JAMES L. PARKER, '63, says he remains busy practicing pathology in the Hickory-Lincolnton area for the past seven years in a group of two physicians that he says he hopes will soon become three.

W. EARL ROBERSON, '66, and G. TERRY STEWART, '71, have opened the Carolina OB-GYN Center in Wilmington. WARREN D. CARTER, HS, '63, is a staff psychiatrist at the N.C. Alcoholic Rehabilitation Center in Butner. He was previously the assistant medical director for John Umstead Hospital, and retired June 30, 1976 from state employment after 18 years of service beginning in 1935 in public health.

E. WALKER STEVENS, JR., '66, has been practicing in the areas of chest diseases and allergy in Greensboro since July, 1972. Stevens says he has been named a fellow of the American College of Chest Physicians and of the American College of Allergists and is the outgoing president of the N.C. Thoracic Society. He and his wife, Blanche, have two children.

FRED M.S. McCONNEL of Atlanta is an otolaryngologist at Emory University. E. FRANK HART, JR., '67, of Morganton, said he enjoyed the

class reunion tremendously and asks that readers "look us up in Morganton and peace to all." He and wife Nancy have three children, Kelly, 6 ½, and Craig, 1½.

JIM HUNDLEY, '67, of Wilmington, says he and his family continue to enjoy the beach. Linda Hundley, his wife, is becoming an avid tennis player. Hundley says he caught a truck tire while fishing off Wrightsville Beach.

DON C. CHAPLIN, '69, of Burlington, recently completed his fourth year of private practice of internal medicine. Chaplin is involved in a county-wide effort to deal with problems of child abuse and neglect.

70's

DANIEL C. VINSON, '74, will be in practice in Banner Elk, N.C. ANDREW C. GYGI, JR., '70, will enter private practice in orthopaedic surgery at Fort Walton Beach, Fla., where he will be living near former classmates ROBERT COHAN, '71, and JOHN HARTNESS, '70.

WILLIAM H. WHISNANT '73, has completed a radiology residency at Vanderbuilt and will soon be in practice in Bristol, Tenn. He also writes that he has two children, Kelly, 4, and Matthew, 3. SOLOMON ZERDEN, '76, of Rochester, N.Y., announces that he has a new daughter.

MICHAEL F. YARBOROUGH, '72, is completing his residency in general and vascular surgery at the University of Washington in Seattle, after completing a surgical internship and one year of surgical residency at Parkland Hospital in Dallas, Tex. He began a new position as Research Assistant Professor of Surgery at the New York hospital in July, and plans two years of research in nutrition and metabolism under Drs. William Curreri and Tom Shires. Subsequent to this investigational work, Yarborough said he plans a full-time academic career in general surgery.

HENRY H. ATKINS, II, '72, has joined Drs. John Bjorn and Dewey Richards at the family practice program at the Eastern Maine Medical Center, Bangor, ME. He has recently finished working with the U.S. Public Health Service in the National Health Service Corps in Andover, N.Y.

WILLIAM J. BUSBY, '70, is moving to Thomasville, N.C., where he will be in the orthopaedic department of Thomasville Community Hospital. SARA HENDRICKS SINAL, '71, has been promoted to assistant professor of pediatrics and family medicine at the Bowman Gray School of Medicine of Wake Forest University. She has been active in the school's teaching and patient care programs. Sinal completed her residency training at N.C. Baptist Hospital where she was presented the House Officer Teaching Award by Bowman Gray Students in 1974.

TOM SUCIU, '73, has finished his residency at Duke Medical Center and is now a member of the OB-GYN department at the University of Arizona.

H. PHILLIPS STALL, HS, '68-73, of Melbourne, Fla. writes that the ties of the house staff are at least as close as those at the medical school attended, and suggests a short column on house staff activities and perhaps a reunion program.

THOMAS W. LITTLEJOHN, III, '74, has been appointed instructor in family medicine at the Bowman Gray School of Mecicine at Wake Forest University. He completed residency training at Charlotte Memorial Hospital and Medical Center.

J. FREDERICK WOLFE, '72, is an immunology and rheumatology fellow at the University of Missouri Medical Center. He has recently been selected as an Arthritis Foundation fellow and plans to work in research on antinuclear antibodies in connective tissue diseases. His most recent publication appeared in the January, '77 issue of *Journal of Clinical Investigation*, titled, "Antinuclear Antibody With Distinct Specificity in Polymgositis."

MARY SUSAN FULGHUM, '71, recently left Chapel Hill where she was an assistant professor in the OB-GYN department of the School of Medicine to begin practice in Raleigh.

J. E. WINSLOW, JR., '70, writes that he is looking for a partner as he works in his second year of family practice in Roxboro. GEORGE W. COLCLOUGH, '74, of Morehead City, is Chief of the Emergency department of Carteret General Hospital. He says that TENNANT TEETER, '74, is establishing an OB-GYN practice nearby. Colclough also writes that he will be married Oct. 29 to Charissa Fields, a nurse from Farmville. The wedding will be in Farmville.

WILLIAM E. LONG, '72, has been in group family practice in Conover since July, 1975, became a Fellow in the American Academy of Family Physicians in 1976 and a Diplomate with the American Board of Family Practice in 1975.

L. JOSEPH SWAIM, JR., '73, recently began a fellowship in reproductive endocrinology and infertility at Duke University Medical Center.

JOE A. JACKSON, '72, completed his family practice residency at the University of Virginia in Charlottesville. He now practices in Mt. Airy with W. BORDEN HOOKS, '70. Jackson says he has three children now, including twins—a boy and a girl—born last November.

GEORGE C. VENTERS, '71, of Raleigh, is in private practice in orthopaedic surgery with three other UNC graduates and has two children, Kate, 9, and George, 3.

MELVIN CLAYTON, '73, of Murfreesboro, says he and his wife Cassandra had their second son, Torrance Lamont, in May. Their first son, Christopher Sean, is 2½.

CHARLES E. CRUMLEY,

'70, is Chief of Staff at Lincolnton Crowell Hospital, is in private practice as an internist and is involved in the medical administration of the Lincoln Nursing Home.

SELMAN I. WELT, '72, was appointed as assistant professor of OB-GYN at the Duke University Medical Center where he is involved in clinical practice and research projects.

MICHAEL ALLAN MOORE, '70, has returned to the Bowman Gray School of Medicine faculty as an assistant professor of medicine in nephrology and medicine. He previously served two years in the US Air Force as a nephrologist, where he received the USAF Commendation Medal for outstanding contributions to hypertension management and research.

JOSEPH E. AGSTEN, '73, is in private practice with a partner in Kinston and is serving as part-time faculty member at the ECU School of Medicine in family practice. His fourth child, a girl, was born in March.

THOMAS M. METTEE, HS, '75, of Chapel Hill, has been named assistant professor of family medicine at UNC.

WILLIAM R. STRAUGHN, III, '70, has joined the Manchester Pediatric Group practice in Manchester, New Hampshire. MICHAEL W. GAYNON, '72, is doing a retinal surgery fellowship at the Retina Foundation.

WILLIAM D. KASSENS, JR., '71, recently announced the opening of his practice in internal medicine, digestive and liver disease in Wilmington.

ROGER W. JONES, HS, '76, of Williamsburg, VA., is working with a partner in an OB-GYN private practice. His wife, Marty, is expecting their second child in September. Daughter Emily is 3. Jones is the current Chairman of District IV, American College of Obstetricians and Gynecologists, Junior Fellows Division.

Calendar

October

15-16	Association for Practitioners in Infection Control Scientific Session—location to be announced
22	**Medical Alumni Association, Fall Council Meeting,** Carolina Inn

November

11-12	Cardiology Symposium 103 Berryhill Hall

December

2-3	American College of Physicians, Regional Meeting, 103 Berryhill Hall
7	"Biomechanics," Division of Physical Therapy—location to be announced
8-11	"The Knee," Division of Physical Therapy

January-February, 1978

Feb. 4-5	Anesthesiology Symposium, "Clinical Update in Neuromuscular Blocking Drugs," 103 Berryhill Hall

March

8-10	Physical Therapy Workshop, "An Interdisciplinary Approach to Respiratory Care, Carrington Hall
8-11	Internal Medicine 1978, 103 Berryhill Hall
30-31	Second Annual Cancer Research Symposium Carolina Inn and Berryhill Hall

April

7-8	**Medical Alumni Association Annual Meeting** Carolina Inn
14-15	Fourth Annual Perinatology Postgraduate Course Berryhill Hall
21-22	Eleventh Annual Malignant Disease Symposium, "Gastrointestinal Malignancy - Update for Practicing Physicians", Berryhill Hall
28-May 1	Radiology Symposium, "Pediatric Radiology" Berryhill Hall

May

	Physical Therapy Short Course in Pediatrics Berryhill Hall
5	**Medical Alumni Association Social Hour**—The Pinehurst North Carolina Medical Society Annual Meeting
19-20	Fourth Annual Arthritis Symposium, "Cellular Responses in Rheumatic Diseases," 103 Berryhill Hall
22-23	Department of Obstetrics and Gynecology-American College of Gynecology Infertility Symposium, "Advances in Reproductive Endocrinology and Infertility," Great Smokies Hilton, Asheville
Date & Loc. to be announced	"Practical Dermatology for the Non-Dermatologist" Atlantic Beach

Medical Alumni Bulletin
Box 528
N. C. Memorial Hospital 204H
Chapel Hill, N.C. 27514

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, N.C.
Permit No. 24

Medical Alumni Bulletin

VOLUME 23 FALL 1977 SCHOOL OF MEDICINE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

#82

HEALTH SCIENCES
LIBRARY
JAN 10 1978

Students Profiled, Page 4

Medical Alumni Bulletin

Advisory Board
William B. Blythe, MD '51
John C. Herion, MD '51
John F. Lynch, Jr., MD '42
G. Philip Manire, PhD
S. Ray Mitchell '77
Thomas L. Pope '78
Judson J. Van Wyk, MD
Oscar L. Sapp III, MD,
Chairman, *ex officio*
John W. Stokes
ex officio
William L. London, MD '55
ex officio
James H. M. Thorp, MD '57
ex officio

Editor
John W. Stokes

Managing editor
Karen C. Bachmann

Contributing editors
Dick Broom
Judy Flynn

The *Medical Alumni Bulletin* is published quarterly by the UNC-CH Medical Alumni Association, Chapel Hill, N.C. 27514. Postage is paid by the nonprofit association through U.S. Postal Permit No. 24. All correspondence should be addressed to the editor at Box 528, N.C. Memorial Hospital 204H, Chapel Hill, N.C. 27514.

Table of Contents

UNC Med Students—a new breed	4
The Centennial	7
Father/son physicians	8
Extracts	10
Where have the house staff gone?	14
Faculty activities	15
'Terror' in the family	17
Class notes	19

Behind the lines . . .

A 1950 alumnus was heard to observe at a recent committee meeting in Chapel Hill that "medical school has changed so much I doubt if I could get in now." While that eminent practitioner no doubt understated his own ability, he was certainly correct about the daylight and dark differences between medical schools of 25 years ago and those of today.

Two articles in this issue, one about the Class of 1981 and the other a father and son medical school memoir, will perhaps interestingly illuminate some of those differences. They're the work of Karen Bachmann, the new managing editor of the *Bulletin*.

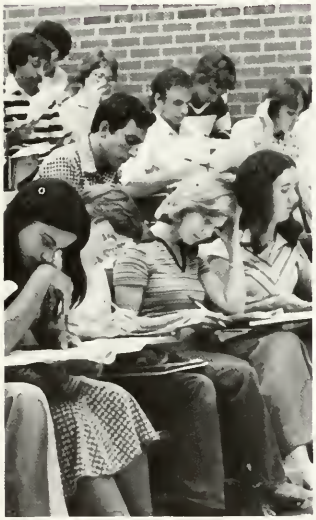
This issue also contains about 150 communications from alumni and former North Carolina Memorial Hospital house officers. This represents about a 50 percent increase over the record number of class notes published in the Summer issue. The editors are gratified by such reader interest and earnestly solicit even greater participation.

Finally, a production note of possible interest to very observant persons and ophthalmologists: for reasons connected with getting more between these covers, we have reduced the size of the type in this magazine. We're now setting the magazine in what's called 10-point type. Before, we used 11-point type.

One point equals .0138888 inches, so it's no great loss.

—JWS

Students of the 70's: A new age



What kind of a person becomes a physician? Who gets accepted into medical school at UNC? Are there predictable traits these students share? And what kinds of people are the medical school freshmen?

Included in recent classes are more minorities, more lower income students and more women.

By comparison, the new class of 160 students is larger than its senior counterpart with 135 students, and significantly larger than the classes of the early 1960's.

None of these changes in class composition, however, affect the class as a whole or its unity, said John M. Sorrow, associate dean for student affairs.

Dr. Sorrow calls the students "a very capable group of people. . . . always a highly diverse group. . . . who are motivated with a common bond, their interest in medicine."

More difficult to measure are the students' social attitudes.

"They are very aware of social issues," Dr. Sorrow noted, although he added their feelings may in part be a function of general attitude change within the society over the past decade.

They are also increasingly interested in primary care, he said. "It may be a part of their own consciousness of what is needed."

To keep pace with these changes and to make the faculty more accessible to students, the number of student advisers has been increased, Dr. Sorrow said.

"Advisers play an important role in support systems," he said. The new class has five advisers, the senior class, one.

Trends in medical school classes may be seen in data collected over the past six years by Frank T. Stritter, associate professor in the Office of Medical Studies.

One of the biggest changes is more women students.

Comprising 24 percent of the total class in 1972, women entering medical school here gradually dropped to less than 20 percent of the total in the following years. This year, they are back up, with 31 percent.

The freshmen are qualified. Dr. Stritter noted that science scores on the Medical College Aptitude Test (MCAT) are higher than ever.

Age and grades from undergraduate school have remained nearly constant.

The average age of a first-year medical student this year is 22 years, but most students are between 19 and 30, he said.

Average undergraduate grades are 3.46 out of a possible 4.0. Liberal arts students are few and tend to have higher grades. Science majors make up about half the class.

But there is no average student, and the numbers say little about individuals. A brief look at four first-year students gives an indication of how parts of the class make up the whole:

Ms. Bennett

MARK SHAPIRO, 21, was only 19 when he applied for admission and is one of the youngest students in his class.

A New York native, Shapiro worked nearly full time on the night crew in a grocery store while attending school during the day as a biochemistry and biology major.

The effort brought good results. Shapiro scored in the 99th percentile on the science portion of the MCAT, compared with a 75 percentile class average.

Shapiro came to UNC following a professor's suggestion. His first visit south was spent in interviews with the admissions committee, which he said sold him on the school.

STEPHANIE BENNETT, 27, of Berkeley, CA, was the first person in her family to complete high school. At 18, she started college. At 19, she quit, because she didn't know what she wanted as a career.

During the next three years, Bennett worked as a dental assistant, waitress, housepainter and at an assortment of other jobs.

The decision to become a physician was made "when I was quite an adult." After finishing undergraduate school, she worked as a research assistant in the physiology department of the San Francisco Medical Center.

Bennett came to the UNC School of Medicine because of what she

Mr. Shapiro

Mr. O'Donnell

called "an innovative family practice program" and because she received a Morehead fellowship.

JOHN O'DONNELL, 25, is a North Carolina resident but his roots go back to Ireland, where he lived until age seven. He lived in New York until he came to Chapel Hill as an undergraduate.

Perhaps best known as a member of the UNC basketball team, O'Donnell graduated in 1974 with a degree in psychology and political science and spent the next year in France playing professional basketball.

He returned a year later to finish pre-med courses while he coached the junior varsity basketball team.

SANDRA ROBINSON, 32, of Atlanta, said she wanted to be a physician as early as 16 when she entered college. But that was in the early 1960's, and Robinson was told she was not a likely candidate for admission.

Upon graduation, Robinson joined the Peace Corps and lived in the Carribbean. She has spent eight months as a graduate assistant teaching French and Spanish to students traveling on a ship around the world, and worked briefly with government organizations as a coordinator helping minorities get jobs in industry.

Robinson has worked toward a master's degree in political science and for the last five years has worked as a planner for the City of Atlanta.

There she developed the Neighborhood Planning Program, a project made into law which requires involvement of residents into the overall planning scheme of their communities.

Robinson said she wants to become a physician because, through medicine, she can educate people to have control of their lives. Said she: "If you have your health, you have everything." □

Ms. Robinson with her son

Dr. Fordham

126 MacNider

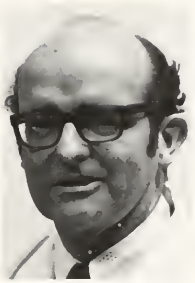
You will be hearing more about the planned Centennial Celebration of the School of Medicine until its time has come in early 1979.

It does no harm for us to review and relish achievements of the past and appreciate those who secured them. The recent celebration of 25 years of service by the North Carolina Memorial Hospital was a heart-warming and refreshing occasion.

Both the school and the hospital are truly very special places. The breadth of commitment, from fundamental science to the every-day details of sensitive patient care, is impressive. And the distinction and achievements of the faculty, students, and alumni are of an extremely high order. But withal, there is an atmosphere of camaraderie, good spirit, mutual trust and caring that helps to sustain and nurture the tradition and heritage of the medical center in Chapel Hill. And the supporting alumni contribute significantly to that spirit.

So watch for the events and plans of the Centennial Committee, chaired by Dr. William McLendon. And come and share it with us.

Christopher C. Fordham, III



Dr. McLendon

Centennial activities planned

Special lectures, the publication of a two-volume history and alumni directory, the minting of a commemorative coin and a University-wide convocation are among activities planned to celebrate the 100th anniversary of the UNC School of Medicine.

A Centennial Committee, chaired by William W. McLendon, '56, has been meeting for nearly a year. The first event in the celebration took place Oct. 13 with the delivery of the first lecture of a two-year series leading up to the February 9 and 10, 1979 Centennial celebration in conjunction with the annual Medical Alumni meeting.

The first lecturer was E. P. Douglass, professor of history, who spoke about the national scene at the time medical education was beginning in Chapel Hill.

Dr. McLendon said the history of the medical school is scheduled to be published in the late fall of 1978. This work will consist of a pictorial history volume and a second volume containing alumni directory information. Volume I is by the late Dean Isaac H. Manning, Dean Emeritus W. Reece Berryhill and William B. Blythe, '51. Both books will be published in matching hard bindings and will be offered for sale to alumni and others. The University of North Carolina Press will be the publisher.

Plans for minting of the commemorative coin remain in the early stages, but a design has been submitted and there does seem to be considerable interest among alumni and faculty. The coin would be minted in fine silver. One side would bear a likeness of the MacNider Building and the words "UNC School of Medicine Centennial, 1879-1979." The reverse would bear the seal of the University. The coin would be somewhat larger than a half-dollar and would be offered to alumni and collectors.

Discussions about the University-wide convocation have been held with Chancellor Ferebee Taylor. The committee has suggested that a speaker of national renown be invited to deliver a Centennial address and that the University award honorary degrees at that time in commemoration of the anniversary.

Dr. McLendon said other activities are in the drawing board, including suggestions for special events within each department of the school. "We hope to keep alumni informed as events unfold, and we earnestly invite alumni participation in the celebration," he said. □

A father-son look at medicine

James A. Taylor, '41, spoke above the noise of development at his desk in the director's office of the UNC Student Health Service.

"I haven't ever been here when there wasn't construction going on.

"It's like somebody dropped the bomb and all this ballooned," he said, pointing toward the city-like structures which make up the medical center. "I don't think anyone ever envisioned anything so massive as this."

Coincidently, construction which began at about the time Dr. Taylor started his medical career here in 1949 developed into North Carolina Memorial Hospital where his son, James A. Taylor, Jr., was born in 1954.

It's changed, Dr. Taylor said, and so has the School of Medicine that continues to spawn classes of new physicians which will include his son, a second-year student.

Taylor looked back on the development of his own medical career and noted how he watches closely as his son looks forward to his.

Dr. Taylor was accepted at Harvard Medical School, but his plans were intercepted by then dean William deB. MacNider who sent for Taylor to ask why he didn't attend the two-year school here, then transfer.

Dr. Taylor took his advice, then graduated from Harvard, but found himself back in Chapel Hill visiting W. Reece Berryhill, who was then acting dean of the medical school.

Instead of getting advice about where to begin practicing internal medicine, Dr. Taylor was offered a job teaching pharmacology.

"I told Dr. Berryhill I didn't know anything about teaching pharmacology. And he said, 'I know that, but I'm desperate.' They only had one part-time instructor, and it was always hard for me to say no to Dr. Berryhill.

"I told Dr. Berryhill I didn't know anything about teaching pharmacology and he said, 'I know that, but I'm desperate.' "

"So I struggled to keep one step ahead of the pharmacology students."

The next year, Dr. Taylor was offered a position with the Student Health Service, where he has since served.

Dr. Taylor soon decided living in Chapel Hill was a good idea, but he tried never to influence his son's choice of profession.

The younger Taylor went through the usual job selection during his early years, his father said, including that of a sportscaster. He would practice playing solo football in the backyard, while simultaneously giving the play-by-play.

But at about age 12, Jim told his father he was going to be a doctor.

"I was very proud" but also very careful, Dr. Taylor said. And he never asked his son if he influenced his decision.

"I never will ask him, but I would like to think so," he said. "I would be flattered."

Eleven years later, their look at medical school highlights the changes in the experience.

"My son has found out his father has feet of clay."

Said Dr. Taylor: "My son has found out his father has feet of clay," instead of all the answers.

Medical science is taught differently today, he said.

He remembers the early years, "plodding along and burning the midnight oil."

Medical school meant long hours, longer labs and isolated topics that never fit together until internship. Most professors were PhD's instead of medical doctors and classes didn't seem as interesting as they appear today.

The year of internship "was a virtual nightmare in the sense of how hard I worked, but there was never one as satisfying."

Today, many classes are taught by MD's who are empathetic to medical students, Jim says. And while the amount of work is overwhelming, the atmosphere is low-key.

His father notes the difference: "He has a lively interest and eagerness about his medical education. I can't tell you how much pleasure this gives me."

But there have been common bonds of experience.

As a student, Dr. Taylor said he and other transfers quickly overcame any fear of attending Harvard.

Jim's fear of classes "full of geniuses" was replaced with a reality of students much like himself.

"They fell asleep during histology lectures and mispronounced medical terms just like I did."

"It's always surprised me that after looking at the cirrhotic liver of an alcoholic we can consume seemingly limitless amounts of beer at any party."

There were lighter moments: "It's always surprised me that after looking at the cirrhotic liver of an alcoholic we can consume seemingly limitless amounts of beer at any party."

And the serious: Cutting up a cadaver is a reminder of one's own mortality, Jim said.

Overall, he enjoys the experience. "Even though I'm counting the days to vacation, I'm really glad I'm here.

"I sure hope that I'll be a good doc."

When Jim leaves medical school, he'll have to make the decisions his father made.

"I'd like to go someplace wild" for my residency and return to North Carolina to practice, he said. But he admits it is too early to tell.

While he decides, his father talks about Jim over the noise of a helicopter flying a patient to the emergency room, another sign of the times.

Now close to retirement, Dr. Taylor says he has enjoyed living in Chapel Hill. His home that was once in the woods now has a highway for a neighbor where conversation must sometimes yield to the sound of an ambulance.

"I once took a picture of Jimmy at age two next to a newly-planted magnolia there. He was bigger than it was. Now it must be 20 feet tall.

"It seems that they both keep growing." □

Extracts

Chapel opens

A new chapel was dedicated Sunday, Sept. 18, at North Carolina Memorial Hospital.

It was completed during the summer and will seat 65 persons.

Named the John M. Reeves All Faiths Chapel, it was built with funds given by the late Reeves of Pinehurst and by the N.C. Department of the American Legion.

Reeves was an alumnus of the University of North Carolina at Chapel Hill, a prominent industrialist and a philanthopist.

Inside the chapel are altar furnishings, an organ and a sculpture of a milkweed pod, which serves as an interdenominational focal point for the facility.

The chapel is located on the first floor of the hospital and is open to anyone who seeks a quiet place for private worship or meditation when it is not scheduled for another activity.

The hospital's staff chaplains and chaplain interns hold interdenominational worship services each Sunday morning, and Catholic mass is said every Sunday afternoon.

Dr. Hollander

Hollander retires

Walter Hollander, Jr., associate professor of medicine, has retired after more than 20 years on the faculty of the UNC School of Medicine.

Dr. Hollander was the chief planner of the Clinical Research Unit. An entire floor of the hospital bed tower is used by the CRU.

His career spans almost all of the medical school's expansion to a four-year, MD-granting program. He came in 1954 as a research fellow in the department of Medicine, working under the late Louis G. Welt, and was appointed to the faculty in 1956.

A graduate of Haverford College, Dr. Hollander earned his MD cum laude from Harvard.

In 1958, Dr. Hollander was named a Markel Scholar in Medical Science. He was appointed the first director of the CRU in late 1959, a post he held for nearly seven years.

Colloquium

Three present and former officials of North Carolina Memorial Hospital looked at hospitals past, present and future at a September colloquium as part of the 25th anniversary celebration.

Robert R. Cadmus, the first general director, noted that on the

CAKE-CUTTING—Dean Emeritus W. Reece Berryhill cuts a cake with Dennis R. Barry during the recent celebration of Memorial Hospital's 25th anniversary. Berryhill played a major role in the development of the UNC School of Medicine and the medical center. Barry is the hospital's general director.

day the hospital first opened, 45 percent of the employes had never before worked in a hospital.

Memorial's step-by-step development often depended on the people working within the facility, and Dr. Cadmus reflected from a personal view the hospital's growth during his years as director, from 1950 until 1962.

John M. Danielson discussed the challenges of hospitals today. Danielson was the general director here from 1972-74, during transition to governance by an independent board of directors.

Improving patient care and cost containment remain as the fundamental needs of hospitals, Danielson said.

Tomorrow's hospitals must be concerned with limits on the geographical scope and levels of service, said Christopher C. Fordham, III, dean of the School of Medicine and vice-chancellor for Health Affairs.

"We cannot afford to do everything everywhere," he said.

To combat the future's limitations, Dr. Fordham forecast major hospitals will move toward a campus concept, with an increasing emphasis on patient care in an ambulatory setting and with satellite centers in surrounding communities.

In the short-term future, Dr. Fordham cautioned health professionals they may face a flooded market, with more trained people than are needed.

The colloquium was a part of week-long rememberance of the hospital's opening Sept. 2, 1952. Since then, more than 400,000 patients have come to it for treatment.

Appointments

New faculty members in the School of Medicine at the University of North Carolina at Chapel Hill were announced by Chancellor Ferebee Taylor following approval by the Board of Trustees:

Stephen C. Boone, associate professor, department of surgery, has been assistant chief of neurological surgery at Walter Reed Army Medical Center since 1975. From 1974-75, he was a clinical instructor at the University of Texas, San Antonio. Dr. Boone received his BA, PhD and MD from Duke University.

Robert G. Burney, associate professor, department of anesthesiology, comes to Chapel Hill from the University of Virginia Medical Center where he has been assistant professor of anesthesiology since 1971. A graduate of DePauw University, Dr. Burney received his MD from the University of Pennsylvania Medical School.

Michael F. Durfee, associate professor, department of pediatrics, studied under the Robert Wood Johnson Clinical Scholar Program at UNC-CH from 1975-77. He was a pediatrician with the Fuller-Roberts Clinic, South Boston, VA, from 1969-75. Dr. Durfee received his BA from Ohio University, his MD from the University of Virginia and his MPH from UNC-CH. He completed his internship and residency at North Carolina Memorial Hospital.

Richard F. Walton has been appointed professor in the School of Medicine's department of family medicine. Dr. Walton comes to

UNC-CH from the University of Massachusetts Medical School where he was professor of family practice. From 1974-77, he served as chairman of that department and chief of the division of family practice and the residency program at Worcester City Hospital. A 1959 graduate of Queen's University (Ontario, Canada), he received the MD degree there in 1961.

Stephen R. Schroeder, associate professor of psychology, department of psychiatry, has been at UNC-CH since 1968 as clinical assistant professor in the department of psychology until 1973, and as clinical associate professor in the departments of psychology and psychiatry, and research scientist in the child development institute since 1973. He also served as director of psychology at the Murdoch Center from 1973-75 and as director of research and development there since 1975. Dr. Schroeder holds a BA from Josephinum College in Austria, an MA from the University of Toledo and a PhD from the University of Pittsburgh.

David E. Eifrig has joined the School of Medicine as professor and chairman of the department of ophthalmology. Dr. Eifrig will direct the first full-time staff in the ophthalmology department and plans to add faculty in several subspecialities including a pediatric ophthalmologist and a veterinary ophthalmologist. Dr. Eifrig has a special interest in retinal disease and surgery, in vitreous disease and in research.

A native of Illinois, he is a graduate of Carleton College in Northfield, MN, and received his MD from Johns Hopkins. He completed a residency at the Wilmer Institute at Johns Hopkins Hospital and held a fellowship at the Jules Stein Eye Institute at the University of California at Los Angeles.

Dr. Eifrig taught at the University of Kentucky in Lexington from 1968-70 and was associate professor of ophthalmology at the University of Minnesota in Minneapolis before coming to UNC-CH.

Stephen W. Russell, associate professor, department of pathology, comes to Chapel Hill from Scripps Clinic and Research Foundation in San Diego, CA, where he has been an associate in the department of immunopathology since 1973. He holds a BS and DVM from the University of California at Davis and a PhD from the University of California at San Francisco.

NSF Grant

A team of cell biologists at the UNC School of Medicine has received an $82,000 National Science Foundation grant to continue for 15 months its studies on the molecular organization and function of cell membranes.

Charles R. Hackenbrock, chairman of the UNC-CH anatomy department and director of the cell biology laboratories, is principal investigator of the research project.

Dr. Hackenbrock said the project will contribute to a better understanding of the interrelationships between the molecular structure and the functions of cell membranes.

Ms. Ross

Ross named

M. Frances Ross, RN, has been named chairman of the department of nursing at North Carolina Memorial Hospital.

She will direct a nursing staff of more than 1,000, representing the largest clinical department at Memorial Hospital.

The new chairman succeeds Faye D. Pickard, who resigned in July. Ross, who has served as acting chairman since then, was previously vice-chairman of the nursing department.

A specialist in the nursing care of transplant patients, Ross helped implement the nursing component of Memorial Hospital's renal transplantation program and has published papers on transplant patient care.

Memorials

George C. Ham, 64, the first chairman of the department of psychiatry, died Sept. 26 at his home in Chapel Hill.

Lloyd J. Thompson, 82, clinical professor emeritus of psychiatry, died Sept. 2, in a Durham nursing home.

Dr. Ham joined the School of Medicine faculty in 1951, shortly before it became a four-year school. For the next 12 years, he worked to establish a nationally recognized department and to integrate the medical school's facilities and services with those of the N.C. Department of Mental Health.

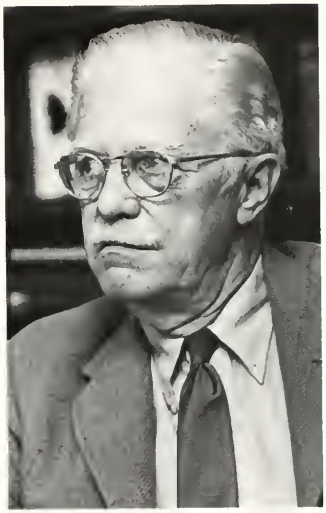
A native of Edgewood, PA, Dr. Ham was educated at Dartmouth College and the University of Pennsylvania and received his MD degree in 1937 from the University of Pennsylvania Medical School where he later was chief resident in medicine and an Edward Bok fellow in medicine.

Dr. Ham lectured internationally. In 1976, he was presented the School of Medicine's Distinguished Service Award.

An international leader in the mental health field, Dr. Thompson was best known for his work on language disorders. In 1971 his alma mater, University of Missouri, awarded him a Medical Citation of Merit Award as "a renowned psychiatrist and teacher and an international authority on childhood disorders."

He was also the recipient of the Samuel T. Orton Award from the Orton Society and the Irene McCain McFarland Award given by the N.C. Mental Health Association to the person who has done the most for mental health in North Carolina.

Among his publications are a book, "Reading Disabilities: Development Dyslexia"; "Mental Health Services for Children" and more than 54 scientific reports in medical journals.



Dr. Ham

Blood Work

More than $300,000 has been awarded to the University of North Carolina at Chapel Hill for advanced training in the research and diagnosis of blood disorders.

The funding establishes a postdoctoral research training program for MD's or PhD's in thrombosis and hemostasis in the School of Medicine's pathology department.

The $307,305 grant from the National Heart, Lung and Blood Institute will provide stipends and research supplies for four postdoctoral fellows each year for five years.

In addition to the research training program, the fellows will be trained to operate the clinical coagulation laboratory of a large medical center, said John B. Graham, UNC-CH Alumni Distinguished Professor of Pathology and program director.

"We expect our postdoctoral fellows not only to take a leading place among researchers in the field, but also to be prepared to manage a clinical laboratory," Dr. Graham said.

Fellows will spend six months in clinical experience with Drs. Harold Roberts, Philip Blatt and Frederick Dombrose who are responsible for the operations of the clinical coagulation laboratory at Memorial Hospital. □

Physicians choose primary care, N.C.

About 40 percent of the former house staff at North Carolina Memorial Hospital, or nearly 1,000 physicians, practice in North Carolina.

The group represents about one-fifth of the state's practicing physicians.

In addition, an increasing number of these physicians are concentrating on primary care, specialties which receive the best physician representation in rural areas.

The information, based on a collection of mailing addresses of former house staff at Memorial Hospital, was prepared by the Area Health Education Center program (AHEC).

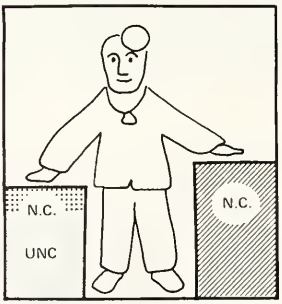
The report shows that 40 percent of the physicians studied practice medicine in this state after completing their internships and residency training, even though only 30 percent attended medical school in North Carolina.

Twenty-three percent of the former house staff are alumni of the UNC School of Medicine.

An increasing number of these physicians are training in primary care specialties, such as internal medicine, general medicine, family medicine, pediatrics and obstetrics and gynecology.

Since 1970, 45 percent of those studied chose primary care, compared with 30 percent a decade earlier. In all, 35 percent of the former interns and residents trained in primary care specialties.

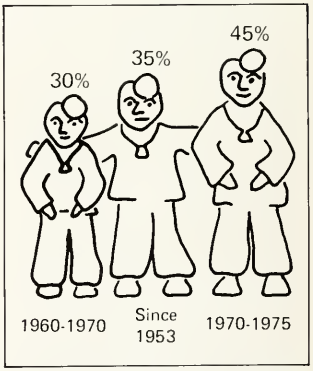
Thomas J. Bacon, AHEC director of evaluation, said the shift to primary care is encouraging and that it may help the rural areas of the state "where distribution (of physicians) is still a problem."



Former NCMH house staff practicing in N.C.

Physicians who practice primary care specialties are more likely to practice in rural areas than physicians who practice subspecialties, the report said.

Currently, most of the group of physicians studied live in the state's largest counties. □



Former house staff at NCMH who practice in primary care specialties (internal medicine, general medicine, family medicine, pediatrics, obstetrics and gynecology).

Faculty activities and publications

WILLIAM PAUL BIGGERS, associate professor of surgery and director of the surgeon's assistant program, has been appointed to hold the first Joseph Palmer Riddle chair in surgery.

Dr. Biggers has been a member of the UNC-CH faculty since 1968. The Charlotte native is an otolaryngologist with a special interest in the development of surgical and nonsurgical techniques in the rehabilitation of head and neck cancer patients.

He has also been responsible for the establishment of several ear, nose and throat extension clinics across North Carolina.

Dr. Biggers is a consultant to a number of North Carolina hospitals and serves as secretary of the Medical Alumni Association.

Riddle, a prominent Fayetteville businessman and native of Cumberland County, has made a number of major contributions to the UNC-CH School of Medicine. He is a member of the board of directors of the Medical Foundation of North Carolina, Inc., and a member of the medical School's Co-Founders Club.

Dr. Biggers

MICHAEL K. BERKUT, PhD, professor; DAVID K. WALMER and MICHAEL D. O'SHEA, department of biochemistry and nutrition, presented "The Role of Glucuronylated Testosterone Metabolites on Hemopoiesis" at the Sixth Annual Conference of the International Society for Experimental Hematology August 29 in Basel, Switzerland.

BARNEY F. LeVEAU, PhD, associate professor in physical therapy, lectured on "Developmental Biomechanics," discussing the mechanical forces that affect normal and abnormal growth of humans, at the 1977 Annual Conference, United Cerebral Palsy of North Carolina held in September. Dr. LeVeau has also recently been elected as fellow of the American College of Sports Medicine.

Members of the department of anesthesiology who attended the meeting of the American Society of Anesthesiologists October 15-19 in New Orleans were: KENNETH SUGIOKA, MD, professor and chairman, moderator "Legislative Affairs as related to Anesthesiology"; ROBERT A. MUELLER, MD, PhD, presenting the paper, "Effects of Anesthetic Agents on Cerebellar GMP" and J. N. GHIA, MD, assistant professor, who presented an exhibit on "Chronic Pain Measurements of Various Pain Components."

J. DOUGLAS MANN, MD, assistant professor of neurology and medicine, has been appointed director of neurological education.

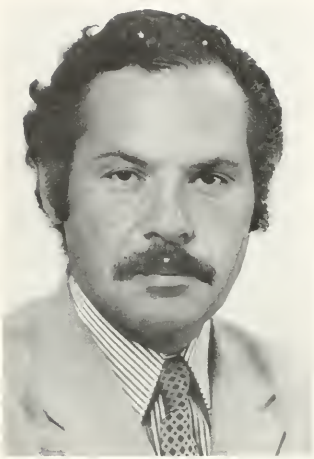
WILLIAM H. BOWERS, MD, MS, assistant professor and chief of the hand section in the orthopaedic surgery department and LAWRENCE C. HURST, MD, co-authored "Gamekeeper's Thumb—Evaluation by Arthography and Stress Roentgenography" in the June issue of *Journal of Bone and Joint Surgery*, Vol. 59-A, No. 4, pp. 525-526.

Dr. Johnson

GEORGE JOHNSON, JR., MD, professor and chief, division of vascular surgery, has been elected a fellow of the Council on Cardiovascular Surgery.

HENRY S. KINGDON, MD, PhD, professor of medicine, biochemistry and oral biology, spoke at the VIth International Congress on Thrombosis and Haemostasis on "Bacterial Heparinase Permits Quantitative in vitro Assays of Clotting Factors and Neutralizes Heparin in vivo," and at the XIIth Congress of the World Federation of Hemophilia on "Recent Reduction of Thrombogenic Enzyme Content of Prothrombin Complex Concentrates."

Members of the Cancer Research Center attended the Third International Symposium on Oncogenesis and Herpesviruses Program July 25-29 at Harvard University Science Center, Cambridge. Presenting papers were: JOSEPH S. PAGANO, MD and GREGORY OKASINSKI, PhD, "Pathogenesis of Infectious Mononucleosis, Burkitt's Lymphoma and Nasopharyngeal Carcinoma: A Unified Scheme"; STANLEY LEMON, MD;



Dr. Pagano

LINDSEY HUTT, PhD; J. L. LI, PhD and JOSEPH S. PAGANO, MD, "Replication of Epstein-Barr Virus Occurs in Epithelial Cells During Infectious Mononucleosis"; W. A. KILPATRICK and E. S. HUANG, PhD, "Structural Organization of Human Cytomegalovirus DNA." Poster presentations included: E. S. HUANG, PhD and S. M. HUANG, "Replication and Transcription of Virus Genome in Human Cytomegalovirus Viral-infected Cells" and Y. S. HUANG, PhD and E. S. HUANG, PhD, "The Comparative Studies of Proteins of Human and Simian Cytomegaloviruses."

KENNETH R. HASLAM, MD, assistant professor of anesthesiology and director of the medical engineering department at Memorial Hospital, has been appointed to the Food and Drug Administration Device Good Manufacturing Advisory Committee. The committee advises the FDA on regulations over the manufacture and utilization of medical devises.

WILLIAM P. RICHARDSON, MD, professor of preventive medicine, presided at the July 11 session of the 27th Annual Institute Blue Ridge Assembly in Black Mountain where WILLIAM WOOD, MD, associate professor of medicine, presented "Detection of Respiratory Diseases"; BARBARA McHUGH, RN, coordinator for rehabilitation continuing education, presented "Rehabilitation Techniques for Respiratory Diseases" and JAMES R. O'ROURKE, MD, internist, division of general medicine, presented "Treatment of Respiratory Diseases."

J. CHARLES DAW, PhD, assistant professor, department of physiology, has been elected to the executive committee of the Association for Multidiscipline Education in the Health Sciences.

PETER CURTIS, MD, assistant professor, and ADDISON TALBOT, research associate in the department of family medicine, participated in the September 16-24 conference of the International Epidemiology Association in San Juan, Puerto Rico.

Curtis chaired a conference section on "The New Epidemiology," and Talbot presented a paper based on a 13-month study of more than 2,500 after hours calls to the family practice center called "The After Hours Call: Physician and Patient Perspectives." Co-authors are VOLKER LIEBESELLER, research associate and KAREN ELIZABETH, research assistant.

FRANK C. WILSON, MD, professor of orthopaedic surgery and division chief, has been appointed to the executive committee of the American Medical Association's Interspecialty Advisory Board. Wilson has represented the American Academy of Orthopaedic Surgeons on the Board since 1969.

Physicians seek answer to disease in family

The Quant children, clockwise from top: Carmen, Martha, Nelson and Tony.

For the Quant family, a regular visit to the doctor reopens a case of international medicine.

Not only are check-ups recorded by their physician in El Salvador in Central America, general developments are sent to North Carolina Memorial Hospital in Chapel Hill.

Physicians here recently studied the Quants to learn the cause of the sudden death of three of their children and to evaluate the family.

With more advanced technology than what was available in El Salvador, they found a rare case of hereditary nephritis, a slow-acting disease which progresses to kidney failure and uremia, usually in the late 20's or 30's.

The Quants' struggle against the disease began in 1973 when 20-year-old Napolean died from renal failure despite a kidney transplant from a brother, Otto.

Depressed by his brother's death, Otto began drinking. He died, from pancreatitis and kidney failure, diseases associated with alcohol.

Two years later, Rene, 30, developed end-stage renal disease and uremia when the nephrons, the urine-forming units of the kidneys, failed to function normally. He died soon after.

Doctors began testing the remaining five children. Two had blood in their urine, though kidney biopsies appeared normal.

Then in the spring of 1976, another son died of renal failure.

Physicians in El Salvador suspected a hereditary disease, but were hampered by a developing nation's health care system which aims its medical priorities at the general population, and could do no more.

The elder Napolean Quant, who showed no signs of the disease, wasn't satisfied and sought medical help until he reached Romulo E. Colindres, a nephrologist and associate professor in the UNC department of medicine.

Quant told him his children were depressed. Some were showing signs of strain. There were behavior problems. One son refused to attend school.

"The family is terrorized," he said.

Dr. Colindres had heard of the case through a colleague in his native El Salvador and sought approval of hospital officials who accepted the family for treatment.

But life in America wasn't easy for the Quants. They soon found

their last hope depended on medicine in a country where they neither understood the culture nor the language.

"One of the biggest problems," said social worker Fred Forehand, "was that they needed Spanish-speaking people to help with the terrific anxiety and apprehension towards the tests" they would undergo.

But as medical teams evaluated the family, resources appeared.

Nurses found Spanish-English dictionaries to communicate.

Dr. Colindres learned that Forehand, a pediatric social worker in the hospital, was educated in Cuba and spoke fluent Spanish.

Hospital volunteers who spoke Spanish served as translators.

And a physician from Chile assisted technicians with hearing tests to detect hearing loss by asking questions in Spanish about minute differences in sound.

Dr. Colindres especially admired Quant, who Forehand called "a stern and religious man who had assumed the ultimate responsibility—to save his family members."

Yet Quant's best efforts couldn't cure his family.

Hereditary nephritis is a disease which "manifests itself early on with the presence of blood in the urine and mild hearing loss," Dr. Colindres said.

Unlike physicians in El Salvador, physicians here could more accurately predict a family prognosis.

Using an electron microscope not available in El Salvador, they studied kidney tissue from biopsies to help determine the existence of the disease.

Test results forecast renal failure for Tony, 18. But unlike his brothers, he can plan for hemodialysis treatments and a possible kidney transplant.

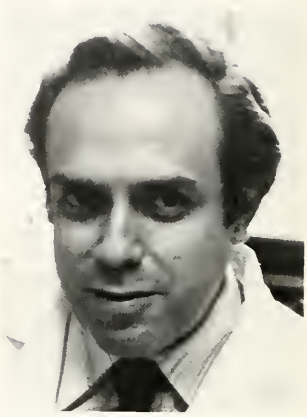
Tests at the Veteran's Administration Hospital in Durham found that Nelson, 20, is a possible kidney donor. Nelson is free of the disease.

Martha, 22, is also affected and Carmen, 24, has a slight hearing loss, but no other symptoms.

While females are usually less severely affected by the disease, Dr. Colindres noted they are more often carriers, and their children will be followed by pediatric nephrologists.

In a recent letter to hospital General Director Dennis R. Barry, Quant wrote, "I seek the purest and most beautiful words to reiterate my infinite thanks for what you have done."

"It's not the brightest ending," says Dr. Colindres, "but it's not one without hope." □



Dr. Colindres

Class Notes

1920's

GEORGE M. LEIBY, '29, of Albemarle, is a general practitioner for the Piedmont Nursing Center and serves on the N.C. Committee for the Quality of Care for the Aged. FRED K. GARVEY, '23, of Creston retired in 1969 as a professor of urology at Bowman Gray School of Medicine and is now a professor emeritus. He lives in a winterized cottage on Long Hope Creek next to what he claims to be the best trout stream in the Eastern United States. There he spends his time trout fishing and hunting.

HOWARD PATTERSON, '23, of Bronxville, NY, has been retired from active surgery for 10 years, but is still active in medical associations and occasionally makes teaching rounds at Roosevelt Hospital. He spends his summers in the deep woods at Big Wolf Lake and enjoys his hobbies and his 10 grandchildren.

DONALD P. ROSS, '25, formerly of Youngstown, NY, retired to Tequesta, FL this summer. He has four daughters, 15 grandchildren and two great-grandsons, all of whom, he says, are well and happy.

SIDNEY PAKULA, '27, was recently appointed professor of pediatrics and adolescent medicine at the University of Missouri at Kansas City, and Childrens Mercy Hospital. He says he enjoyed his visit to Kansas with classmate, HOOSIC SERUNIAN, MD, who practices in Worchester, MA.

1930's

WILLIAM H. DAVIS, '37, has lived in California for 25 years and in Seal Beach for the past 15 years, where the climate "is one of the best anywhere. Have observed no freezing temperatures ever." His interests include tropical plants and he is growing an avocado, macadamia nuts, guavas, citrus and trying mango and kiwi. Davis practices general internal medicine in Long Beach, five miles away from home and next to a growing hospital. He holds a teaching appointment in clinical medicine at UCLA and teaches at Harbor General Hospital in Torrance, where he says more Tar Heels should come for internships.

EDWARD W. PHIFER, JR., '35, has recently completed a history of his native county entitled, "Burke: The History of a North Carolina County." The book has been published and is on sale at The Muses, P.O. Box 1268, Morganton, NC 28655. Phifer says his golf game is losing ground daily "but I am still practicing surgery most of the time."

JULIEN H. MEYER, '35, practices Ob-Gyn in his corporation, Physicians to Women, Inc., with offices in Roanoke and Salem, VA. Meyer wrote that his son, JULIEN H. MEYER, JR., '64; BETH A. COLLINS, and ROBERT LEE VERMILLION are in practice with him.

LOUIS APPEL, '31, of Flushing, NY, writes that he is a "veteran of 40 tears in pediatric practice." He reminisces about his 23-member class of which BOB WILKINS was a member. Appel says he is still paying taxes, and in greeting writes: "Long may it live—Chapel Hill."

1940's

HAMPTON HUBBARD, '45, of Clinton, writes that while he started the year with three granddaughters, he'll end it with three more grandchildren—all boys. Hubbard joined the Co-Founders Club this year, is listed in Who's Who in the South and Southwest and was elected district director of the American Council of Medical Staffs this year. He travelled to Egypt and the Greek isles in June, where he was the guest at the wedding of the daughter of the Egyptian ambassador to the United States, Ashraf Ghorbal. While he's working hard, Hubbard writes that he's looking for a partner and hopes to visit his home at Topsail Beach "and wet a line."

FERDINAND SZABO, '45, of Berwick, PA, has practiced general surgery in Berwick since 1957 but has recently purchased a farm, to prepare for retirement. His son, Robert, who graduated from the University of Pennsylvania School of Medicine, is now in an Ob-Gyn residency at Allentown Hospital. Daughter Janet is a second year student at the UNC School of Medicine and a third child, Lydie, will be a senior at Manhattanville College, Purchase, NY.

EMILY TUFTS, '48, of Portland, OR, is on the faculty in pediatrics at the University of Oregon Health Science Center. Tufts writes about the "trip of a lifetime" which she took in the fall of 1975 when she travelled from Katmandu, Nepal into the Mt. Everest base camp, then southeast to Dahran. Walking more than 350 miles through rural, mountainous Nepal, through villages and over a suspension bridge "supported only by faith," she finally climbed 18,500 feet through snow and glaciers, canyons so steep and deep "you can't see the bottom." A week later, she was walking along trails with oranges and bananas ripe for sale by the villagers.

IRA A. ABRAHAMSON, JR., '46, of Cincinnati, OH, recorded his first hole-in-one May 8, 1976 while using a five wood on a par 3, 170-yard hole. He opened a new office for his ophthalmology practice at Suite 719, 105 W. Fourth Street, and has been a guest speaker at several ophthalmology societies.

WILLIAM H. MERONEY, '43, writes, "I laid down my sword and shield in 1975 and Fran and I now live down by the riverside," in Newport County, RI. After commanding the Walter Reed Army Institute of Research, Walter Reed General Hospital and Madigan Army Medical Center, Meroney says that his "retirement job" as director of professional services, Rhode Island Department of Health, seems relatively relaxed. He has plenty of guest accommodations, "for Tar Heels."

JOSEPH S. REDDING, '46, writes that his family is doing well. He has published a book entitled, *Life Support-The Essentials*, J. B. Lippincott Co., Philadelphia, PA. He also won a first place trophy in the Hobcaw Yacht Club Regatta-Hutchins Compact Class. Redding says his wife, Nance, is "still brow-beating politicians" as Charleston League of Women Voters president. Joe Jr., stationed in Korea, was promoted to captain, company commander in the Corps of Engineers. Daughter Lorraine works with IBM in Atlanta. She was recently promoted to development analyst. The other children, Dave, Helen, and Bob, are home, in Mt. Pleasant, SC for the summer.

CHARLES F. MELCHOR, JR., '42, of Bloomington, IL, practices radiology with Bloomington Radiology and Nuclear Medicine where he was elected president of the corporation in September. He is one of six radiologists in the

group which covers three hospitals, two group clinics and one downtown office.

1950's

A. J. ELLINGTON, JR., '50, of Burlington, writes that his daughter, Beth, graduated from UNC in December, 1976 and two sons, Jeff and Johnny, are in undergraduate school here. On the lighter side, after 40 years of trying, Ellington writes that he made his first hole-in-one.

TOM C. SUTHER, JR., '56, of Jackson Springs, is practicing psychiatry in Moore County and recently joined the staff of the Cumberland Psychiatric Institute, a private psychiatric hospital in Fayetteville.

LEONARD S. WOODALL, '56, of Smithfield, said he recently remarried and with a wife, a teenage son and daughter, he moved into a five-bedroom house. DAN BEALS, '51, writes that he recently turned 50, has three children in college, is happily married to his wife, Donna, and

was elected president of the Knoxville Academy of Medicine in Knoxville, TN.

CLARENCE A. BAILEY, '58, has succeeded WILL LONDON, '55, as chairman of pediatrics at Durham County General Hospital. The hospital board adopted a resolution of appreciation for London's contribution to the program as chairman.

L. F. GLADSTONE, HS, '52, of El Paso, TX, practices internal medicine with WALTER D. FEINBERG, HS, '52. HUGH W. RIDLEHUBER, HS, '59, of San Mateo, CA, was married in 1973 to Pamela J. Gordon of Los Altos. Early in 1976, he bought the George W. Dickie home, which was built in 1906 by naval architect, ship builders and one of the founding fathers of San Mateo. Son Hal is 17 and a senior at San Mateo High School. Ridlehuber attended the C. G. Jung Institute in September for a two-week study-tour sponsored by the University of California.

GEORGE T. WOLFF, HS, '52, has been associated with the Family Practice Residency Program at Moses H. Cone Memorial Hospital in Greensboro, where he has been director since July 1, 1976. He is finishing his third year as a member of the Board of Directors of the American Academy of Family Physicians and Chairman of its Health Care Services Commission and is a candidate for the vice presidency of the American Academy of Family Physicians. Daughter Debbie is an X-ray technician at North Carolina Memorial Hospital and son Dennis is a senior at UNC. Son Tim (George, Jr.) is a senior at the University of the South.

JAMES L. D. LAMM, '55, has three new part-time positions. He is a consulting psychiatrist at the Diagnostic School for Neurologically Handicapped Children in San Francisco, a consulting psychiatrist for Charilla Foundation Group Homes and for the Department of Social Service, Emergency Shelter Care, all in San Francisco. He continues in private practice one-third of the time and is currently busy fixing up a 100-year-old Victorian house, and studying Mandarin.

JULIAN S. ALBERGOTTI, JR., '55, of Charlotte, left private practice with the Eastway Medical Clinic, PA to become Medical Director for North Carolina for Southern Bell beginning November 1.

S. KENDALL WILLIS, '50, of Mt. Holly, says that he is still looking for help. A man who likes people and wants to work three days a week-e.g. Monday, Wednesday, and Friday of one week, and Thursday, Friday and Saturday of the next week, is preferable. Willis writes that he and Gloria flew their plane to Hailey, ID, the Grand Canyon and Tucson, AZ in July. "Sure makes it difficult to stay in the office," he says.

LOWELL E. WHITE, JR., HS, '54, resides in Mobile, AL. White and his wife Margie left Seattle in 1969 and moved to Gainesville, FL. In 1972, they moved to Mobile to develop a program in neuroscience at the University of South Alabama. Presently, the Whites are building a new house and "enjoying the climate." White writes that Britt, their youngest daughter, enters Salem College this year so "hopefully a visit to Chapel Hill after all these years is near."

MASON D. FIELD, JR., '58, went into the private practice in internal medicine in 1966. He interned at the University of Alabama Medical Center in Birmingham, then completed his residency in internal medicine. From 1963 to 1966, Field completed a fellowship in metabolism and a fellowship in pulmonary disease, both at the Alabama medical center. The next July, he married Patricia C. Christiansen of Birmingham. They now have four children-three of them stepchildren. Field has active recreational interests and activities including bass fishing, boating and hunting. He also plays trumpet in the local community band, The Wiregrass Civic Band. Field served in U.S. Public Health Service (1961-1963) with assignments in Mobile, AL, and

New Orleans. He also spent five months of sea duty with U.S. Coast and Geodetic Survey.

R. J. BLACKLEY, '51, is serving as deputy director of the Division of Mental Health in Raleigh. Blackley writes that it's always good to see colleagues and classmates at medical society meetings and on visits to Chapel Hill. He would be happy to meet with classmates in preparation for the next reunion.

PHILLIP P. PORCH, JR., HS, '55, is in private practice of urology in Nashville, TN. He flew over Chapel Hill recently. "It was changed so much, I could not orient myself at the medical center or find my old house on Davie Circle."

1960's

W. THOMAS HAWKINS, HS, '68, entered practice in radiology in Gainesville, FL following service with the Navy and radiology training at the University of Texas Southwestern Medical School and Parkland Memorial Hospital in Dallas.

JOHN L. POWELL, '68, is an American Cancer Society fellow in gynecologic oncology with the Foundation of Gynecology Oncology at the Crawford W. Long Memorial Hospital in Atlanta, GA.

THOMAS SODEMAN, HS, '66-67, of Morgantown, WV, has moved from the University of Michigan to West Virginia University as professor of pathology and microbiology and director of the clinical laboratories.

RICHARD HONSINGEN, HS, '64, of Los Alamos, NM, moved with his wife and five children to the mountains where he practices internal medicine. He is a fellow in the American College of Chest Physicians and chief of staff, Los Alamos Medical Center.

VASILIKI MOSKOS, HS, '65-68, of Newton Upper Falls, MA, works at the South Shore Mental Health Center as a staff child psychiatrist half time and in a part-time private practice. He is assistant clinical professor of psychiatry at Tufts Medical School part-time and a candidate-in-training at Boston Psychoanalytic Institute and Society.

MIKE DAUGHERTY, HS, '66, of Lexington, KY, is a faculty member in the department of surgery at the University of Kentucky Medical Center in peripheral vascular and general surgery. He and his wife, Linda White Daugherty, a former pediatrics nurse at Memorial Hospital, have two children, Kevin, 5, and Erin, 3. Daugherty writes that he often visits with T. RUFFIN HOOD, '67, who is a general surgeon in Morehead, KY, and says he hopes to visit Chapel Hill one day soon.

E. ARCHER DILLARD, JR., HS, '60, of Galveston, TX, writes that since he left Chapel Hill, he and his wife, Ruth, have worked in Peru, Haiti, Vietnam and Seattle. Now at the University of Texas in Galveston, he is director of gynecologic oncology and RUTH DILLARD is director of pediatric OPD. He says he plans to be in Chapel Hill soon.

NED LESESNE, '69, of Canton, completed a family practice residency in Charleston, SC in June, 1976, and is now in private practice.

JOHN MOORE, HS, '67, of Champaign, IL, is at the Carle Clinic in Urbana. FRANK LEAK, '67, of Clinton, says he is enjoying himself while in family practice. ALBERT R. NEWSOME, '61, of Winston-Salem, is married with two teenaged sons and practices internal medicine and cardiology with three partners.

JAMES M. NESBITT, JR., '68, moved back to Alaska last October and joined The Children's Clinic, a pediatric group practice, in Anchorage. He said, "The fishing's great." FRED PALACE, HS, '60-61, of Mendham, NJ, practices nuclear medicine at the Morristown Memorial Hospital and is president of the NJ Radiological Society and the Morris County Medical Society. He writes, "I was amazed to see how huge Chapel Hill has grown in the past 15 years."

JAMES W. ROSE, '64, visited Scotland for three weeks during the summer with his family where he stayed in Rose castle and saw the MacLeod castle. WALTON T.

Help the editors find old photos

An illustrated history of the School of Medicine is being prepared to show 100 years of medical education at the University of North Carolina at Chapel Hill.

The volume, which is expected to be complete by 1979, will help commemorate the 100th anniversary of the School of Medicine.

But the editors need help.

Old photographs of the School of Medicine are being collected for the history. If you have photographs you would like to submit, please paste a label containing identifying material on the back of each picture. We will return them to you if you include your name and address on the label. Or, the photographs will become part of the School of Medicine's archives after publication of the historical volume.

Please send all photographs to: Miss Dorothy Long, University of North Carolina at Chapel Hill, Health Sciences Library 223 H, Chapel Hill, North Carolina 27514.

Dr. Thomas W. Harris, dean, 1879

ROTH, '66, is an assistant professor of psychiatry at Stanford and works at the Palo Alto VA Hospital. Last year, he and his family lived in Norway, where he worked on a book and learned cross-country skiing.

JERRY LANCOURT, '68, of San Francisco, CA, completed orthopaedic training a year ago, completed a spine fellowship and has recently begun practice in San Francisco.

CHITTA R. CHATTERJEE, HS, '67, of Merced, CA, is a faculty member at the University of California at Davis and says he is extremely busy. PAUL COCHRAN, HS, '64, is in private practice in cardiology in Albuquerque, NM, after five years on the cardiology faculty of the University of New Mexico School of Medicine. He and his wife Linda have two small daughters and say they greatly enjoy the southwest.

DONALD H. STEWART, JR., HS, '62-63, of Syracuse, NY, practices neurosurgery and his wife Anne is director of placement for the Maxwell School of Public Administration of Syracuse University. Their four children are growing and Stewart asks anyone who is nearby to call.

WILLIAM STEWART, III, '69, of Danvers, MA, practices urology with two associates in Salem and Danvers. When he isn't working, Stewart writes that he enjoys sailing during the summer and skiing in the winter. He has three children: John, 14, Mark, 10 and Bethany, 5.

PETER M. ZAWADSKY, HS, '68-69, of Sulphur, LA, practices pediatrics with the Army Medical Corps. During the last three years, he was chief of pediatrics at the Army Hospital in Landstuhl, W. Germany.

HOWARD E. ROTMER, HS, '62, of Lynn, MA, is practicing internal medicine with five associates near Boston. His subspecialty is endocrinology. Rotmer says his family is doing well. CONRAD L. ANDRINGA, HS, '63-64, of Madison, WI, was appointed to the Committee on School Health, American Academy of Pediatricians.

JOSEPH O. BELL, III, '66, practices anesthesiology in Greenville, SC, during the fall, winter and spring, but during the summer months he is the owner-operator of Camp Arrowhead for boys and Camp Glen Arden for girls in Tuxedo, NC. He enjoys cabinetwork and trout fishing in his spare time.

CAMILLE PROCTOR, '68, has been practicing internal medicine in Rocky Mount since November, 1974 and is married to Dennis F. Schill. She is expecting a child in December. JOHN C. TRIPLETT, '69, recently moved to Denver to join the staff of Denver General Hospital and the medicine department at the University of

Colorado. RICHARD M. LYONS, HS, '67, served in the Army in Vietnam before beginning an ENT residency at Upstate Medical Center in Syracuse, NY. He is now in practice at Everett Clinic, Everett, WA.

EUGENE E. TAYLOR, HS, '61, has practiced in Portland, OR, and since 1969 has worked in a community mental health outpatient clinic. JOHN D. BATJER, HS, '69, is a clinical pathologist at Swedish Hospital Medical Center in Seattle, WA. J. W. DAVID ATCHISON, '64, of Ruston, LA, was certified by the American Board of Nuclear Medicine in September, 1976. He was certified by the American Board of Radiology in 1973.

E. FRANK SHAVENDER, '68, of Durham, writes that he is counting on a larger turnout for the class of '68 reunion next spring when everyone will be invited to his home for "happy hour." He recently saw ROBERTA WILLIAMS, '68, in Boston while attending a meeting at Harvard.

KATHLEEN KAGAN-HALLET, HS, '69, of Bethesda, MD, is still in the Navy after three years at the neuropathology branch of the Armed Forces Institute of Pathology, where she is the chief of the pediatric pathology department.

CHARLES J. SAWYER, III, '63, of Ahoskie, writes that he and son Jud, 14, recently won the city doubles tournament. All members of the family play tennis, he said. Sawyer recently purchased a condominium at Nags Head. HENRY C. TURNER, '62, says he spends his spare time on his farm in Yadkin County watching the cows, dogs, chickens and other animals, when he isn't working at the anesthesiology department of the Bowman Gray School of Medicine.

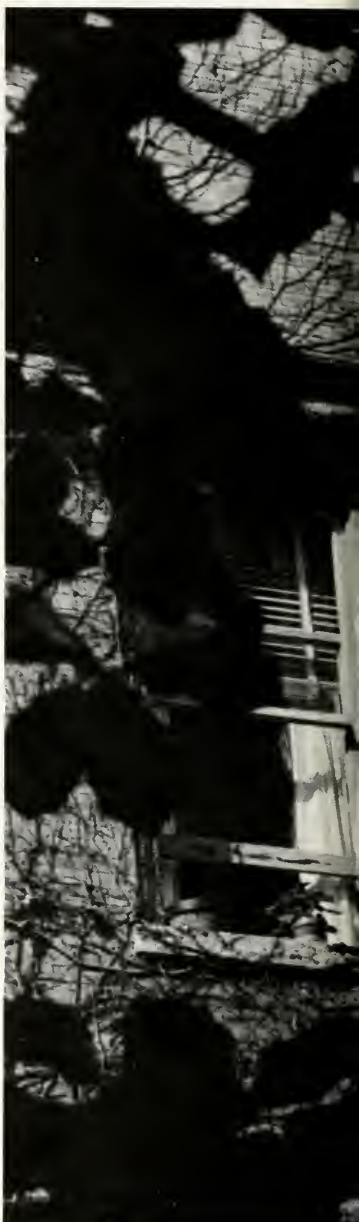
HERMAN R. PARKER, JR., '67, of Jamestown, has a new son. He's Robert Edward Parker, born August 4. Parker has three other children: a daughter, 2, and sons, aged 12 and 15. DAVID B. MARCOTTE, HS, '67, was recently appointed director of resident education in the psychiatry department of Medical College of Wisconsin, where he was promoted to professor in July.

TIM E. CLONIGER, '66, moved with his family from New Bern to Charlotte where he is helping to develop a radiology department at Charlotte Memorial Hospital and Medical Center. BARRY M. WELBORNE, '67, of Charlotte, works in a group practice as an internist and board-certified cardiologist. He and his wife, Joanne, have three children: boys ages 8 and 12, and a girl, 5.

J. 'LEWIS' SIGMON, JR., '66, of Cornelius, became associate director of family practice residency program at Charlotte Memorial Hospital and Medical Center. Prior to June, 1977, Sigmon was in private practice where he was clinical instructor of community medicine at Bowman Gray School of Medicine. He teaches primary care medicine and "is attempting to direct young MD's to practice in rural N.C." Sigmon writes that he is a fellow of the American Academy of Family Practice and a diplomate of the American Board of Family Practice.

JAMES G. WHITE, '63, has been in private practice in pediatrics since 1966. He is president of Volusia County Medicine Society in Florida. JOHN F. WARNER, '62, is associate professor of medicine and medical microbiology. He works at the Ohio State University division of infectious diseases. Warner writes that he and wife, DeAnn Wilkinson, have three boys: John, 18; Davis, 13 and Christopher, 2½.

TERRY D. GOLDEN, '68, was recently elected president of the Diabetes Association of Atlanta, local chapter of the American Diabetes Association. WILLIAM B. DEAL, '63, is currently acting



dean of the University of Florida College of Medicine. He writes that "the 1977-78 College of Medicine catalog cover will be Carolina blue!"

ROBERT BILBRO, '66, writes that he is enjoying his work in Raleigh with community classmates PAUL BURROUGHS, ED GARRABRANT, BILL HUBBARD and SURRY ROBERTS. He also enjoys being in the same group with ALLAN EURE and GERALD BLAKE, class of '67.

JOHN R. DYLCER, JR., '60, presented a paper to the Czechoslovak Medical Society Congress on Trochomonians Sept. 6-8. Dylcer, from Siler City, said his daughter Anne will accompany him to Vienna, Budapest, Belgrade, and Athens. They will go on to Monaco, Madrid, and Paris. He writes that he just opened a slaughterhouse. Processing for New Hope Farm beef and supplying general federally inspected markets will be the focus of his business.

JAMES G. WALLACE, '69, of Atlanta, GA, will be practicing plastic and reconstructive surgery until 1978. Then he plans to move to Charlotte. Since 1970, Wallace has been in the surgical field. For three years, he served in Germany as a brigade surgeon, then he went into general surgery.

RUSSELL RAMSEY MELLETTE, JR., HS, '61, is associate professor of psychiatry, pediatrics and behavioral science in Charleston, SC. Mellette writes that he "just returned from a year's sabbatical" at the University of Colorado graduate school department of anthropology.

THOMAS N. SAARI, HS, '68-70, is in pediatrics in Madison, WI, where he became a full partner a year ago. Saari will represent the United States at the September International Symposium on Yersinia at Montreal, Canada, where he will present papers to the symposium. In May, he presented two papers on waterborne yersinia enterocolitica at medical meetings in New Orleans.

GRADY HENDRIX, HS, '64-65, is associate professor of medicine at the Medical University of South Carolina. He is also director of the cardiac catheterization laboratory there.

CHARLES L. KRONE, HS, '62, recently left the position of associate professor of internal medicine and chief of gastroenterology at the University of Arizona College of Medicine. He is entering the private practice of gastroenterology in Tuscon. Krone writes that he is now active in practice and clinical teaching.

JOHN W. DALTON, JR., '63, of Santa Monica, CA, practices pulmonary medicine. He and his wife Mary Jo have two children, Michael, 3, and Mary Beth, 2. He is a fellow of the American College of Chest Physicians.

GILES C. FLOYD, '62, practices general orthopaedic surgery in Walnut Creek, CA, where he has been for seven years following two years with the Air Force. Floyd says he recently bought a home in Oakland Hills overlooking San Francisco Bay and is concentrating on sports orthopaedic work. He enjoys sailing, snow skiing, the theater and opera in San Francisco.

R. G. MASON, '62, of Tampa, FL, is professor and chairman of pathology at the University of South Florida. ELLIOTT SOLOMON, '60, of Scarsdale, NY, is president of the Westchester Chapter, American College of Surgeons. He is chief of otolaryngology at White Plains Hospital Medical Center, where he is vice-president of the medical staff.

JOHN L. MONROE, '62, of Pinehurst, has recently been appointed a member of the Morehead Scholarship Selection Committee for Moore County.

DAVE M. DAVIS, '63, of Atlanta, GA, practices psychiatry and is the director of psychiatric services at the Peachtree-Parkwood

Mental Health Center and Hospitals. He visited this summer with Dr. and Mrs. IRA HARDY, '63, in Bath. He also went on safari and toured the mental health facilities of East Africa.

W. P. 'BILL' ALGARY, '63, practices cardiology and is director of the cardiac catheterization laboratory at Greenville Memorial Hospital in Greenville, SC. Algary is president of the South Carolina Heart Association and writes that his wife Ruth and his children are all fine.

J. ANDREW BURNAM, '63, has been in private practice in otolaryngology in Miami since 1971. He and his wife Gloria have two sons, ages 13 and 15. MICHAEL J. DUNN, HS, '65-66, is the director of the division of nephrology and the Hanna-Paye Professor of Medicine at Case Western Reserve University School of Medicine.

JOHN W. HOLLIFIELD, '67, is the clinical director of the Specialized Center of Research in Hypertension in Nashville, TN. DAVID K. MILLWARD, HS, '69, is in group practice in cardiology in Raleigh. BARNARD R. JACK, '65, of Fort Worth, TX, is the chief of surgery at Carswell AFB Regional Hospital where he was recently promoted to full colonel. His son transferred to the UNC School of Business Administration and his daughter recently enrolled at the University of Texas at Arlington. His wife, also a UNC graduate, is working towards a PhD in Education at North Texas State.

1970's

M. CATHERINE DOBBINS, '74, of San Mateo, CA, is practicing internal medicine near San Francisco with two associates, following completion of a residency program at Stanford University. She writes, "I just love the area and am a real converted Californian. I have assumed the practice of a Stanford Medical School professor who has become a full-time dean at Stanford, and am really enjoying it and finding it very challenging."

STEPHEN L. GREEN, '70, of Hampton, VA, recently opened a practice of internal medicine and infectious diseases. Green also heard from Christopher C. Fordham, dean of the UNC School of Medicine, who wished him well in his new pursuits.

STEVEN P. DEWEES, '71, of Stone Mountain, GA, completed a residency in internal medicine in July and is now a faculty member of the School of Medicine at Emory University. He is also director of the medical emergency clinic at Grady Memorial Hospital in Atlanta.

MICHAEL KNOWLES, '71, of Andrews AFB, MD, will be returning to Chapel Hill with his family in July, 1978, to accept a pulmonary fellowship.

C. E. FONGEROUSSE, '73, of Dallas, TX, practices psychiatry and his wife, Myra, is a psychologist at Children's Medical Center. He writes, "We are doing a great deal of camping and I have become very interested in skeet shooting." He passed his psychiatry boards last year.

JAMES F. BLACK, HS, '75, of Chapel Hill, writes that his daughter, Sarah Elizabeth, is more than a year old now. She was born in May, 1976. Black published an article in the American Journal of Ob-Gyn, Vol. 125, No. 6, in 1976.

THOMAS R. DEMPSEY, HS, '73, is a resident in orthopaedic surgery at the University of Florida where he plays tennis in his spare time when he isn't with his wife, Katie, and daughter, Marritt, age 15 months. Dempsey says he's looking forward to another warm Florida winter.

THOMAS L. O'ROURKE, '74, will be entering private pathology practice in Atlanta beginning January 1, 1978. FREDERICK F.

Alumni leaders seek support

Medical Alumni Association leaders are looking for ways to increase participation in alumni activities and support for the UNC School of Medicine.

At the Oct. 22 Fall Council Meeting, MAA President William L. London, '55, supported recent survey results which indicate that alumni are more likely to participate in activities held in Chapel Hill that are coordinated with UNC athletic events. Respondents said they prefer weekends for meetings and enjoy class reunions.

Support of the Loyalty Fund to date has nearly doubled contributions this time last year, reported Loyalty Fund Chairman Durwood Tyndall, '54.

Dean Christopher C. Fordham, III, noted that unrestricted contributions not only increase aid for faculty, program development, scholarships and equipment, but also boost special areas, such as the Center for Cancer Research, which he said "promises to make substantial contributions to the understanding of the malignant process."

MAA officials discussed ways to involve the faculty in alumni activities. Faculty will receive invitations to alumni events. UNC School of Medicine faculty are automatic members of the Medical Alumni Association.

In other reports at the meeting:

- The 25th reunion of the first class to graduate from the four-year School of Medicine will be held during the 1979 meeting Feb. 9-10.

- An amendment was adopted establishing the Manning-Berryhill Club for alumni who have been graduated for at least 40 years, or faculty, house staff and those persons in associated health programs who have been graduated for at least 40 years.
- Members are being asked to submit names to the nominating committee for a slate of officers which will be elected at the spring meeting.
- Increasing alumni participation in the *Bulletin* through the class notes section was reported. Magazine costs have been reduced by 25 percent and the *Bulletin* is now sent to former Memorial Hospital house staff.

BAHNSON, III, '73, recently began as chief resident in ENT at the University of Virginia Hospital. He and his wife, June, have a four-year-old son, Fred. Bahnson writes that he still catches a fish from time to time.

JAMES M. DAVIS, '74, finished a radiology residency at Massachusetts General in June, 1977, and has a two-year neuroradiology fellowship at MGH.

SUE C. WARREN, HS, '74, is the mother of a 16-month-old girl, Laura. Warren is working part time and as of October is a member of the West Virginia University faculty in the departments of medicine and family practice.

MARSHALL F. GOLDBERG, '73, of Chamblee, GA, serves in the USPHS as an epidemic intelligence service officer in the birth defects branch of the Center for Disease Control in Atlanta, but plans to begin a private Ob-Gyn practice next summer somewhere in the Southeast, possibly East Tennessee.

BEATY L. BASS, JR., '71, of Iowa City, IA, is involved in a gastroenterology fellowship at the University of Iowa Hospital and Clinic. He and his wife Marcia are expecting a second child in October. Daughter Karen is 2 years old. The Bass family took two years off to go to Alaska with the Army. Bass says he hopes to live in Hillsborough and to practice Medicine in Durham in September, 1978.

WILLIAM E. 'BILL' BOWMAN, '74, of Sausalito, CA, is a third-year resident in general surgery at Litterman Army Medical Center. He and his wife Gay have a one-month-old daughter, Natalie. TOBY L. BROWN, '71, of Chapel Hill, has accepted his first position as assistant professor of radiology at Duke Medical Center in July, 1977.

ROBERT H. COHAN, '72, of Pensacola, FL, teaches in the Pensacola Educational Program and has a pediatric allergy practice. He and his wife have two daughters.

GARY M. McCLAIN, '75, of San Diego, CA, is in his second year of orthopaedic surgery residency at Balboa Naval Hospital. He and his wife have a son, Benjamin, who is 16 months old.

DAVID W. ORTBALS, HS, '72, of St. Louis, MO, practices internal medicine and infectious disease in St. Louis and is on the staff at Washington University School of Medicine. He completed a two-year fellowship at Barnes Hospital in St. Louis in infectious diseases in June, 1977.

J. ALLEN MILLER, HS, '73, of Louisville, KY, completed a child psychiatry fellowship at the University of California at Davis in June and is an assistant professor of psychiatry and assistant director of Ackerly Child Psychiatry Inpatient Service at the School of Medicine, University of Louisville.

CLIF PATTERSON, '74, of Wayland, MA, is an ENT resident at the Massachusetts Eye and Ear Infirmary, Boston. K. LAYNE SHEFFIELD, '71, of Durango, CO, said he and his family recently moved as close to the Rocky Mountain ski area as possible. He recently finished more than three years employment with the Indian Health Service at Shiprock, NM, and is beginning a job as an emergency room physician at Farmington, NM. Sheffield says he also plans to spend his winter as a part-time ski patrol doctor at the Purgatory Ski Area and would welcome letters and visitors from North Carolina.

ALEX BOUTENEFF, '76, of Andrews, called the alumni office recently to ask if any medical students would be interested in working at the Valley River Clinic.

ROGER P. JACKSON, HS, '73-74, of Roeland Park, KS, is completing his last year of orthopaedic surgery residency at Kansas University Medical Center. He and his wife are expecting

their second child in January. Daughter Ashley is three.

WILLIAM R. JORDAN, '70, finished his residency in urology at the University of Florida last June and has started practice with three associates in Winter Park, FL. He is on the clinical faculty at the University of Florida. He and his wife, Jeanne, have two children: Jennifer, 3, and Ned, 18 months.

FRED S. NEUER, '71, of Louis Square-Overland Park, KS, is a radiologist at St. Luke's in Kansas City. He and his wife, Paula Schulte Neuer, have a son, Eric, who was born in June. Neuer will complete his residency next June.

WILLIS E. MARTIN, '74, of Snow Camp, attended flight surgeon training at the Naval Aerospace Medical Institute in Pensacola, FL after completing a medicine internship at MCV in Richmond. He was then assigned to the Second Marine Aircraft Wing and deployed to the Mediterranean for the evacuation of Americans from Beirut, Lebanon. Martin was selected for the Richard E. Luhers Award as outstanding naval flight surgeon in 1977. He plans to return to Chapel Hill to begin a dermatology residency.

WAYLAND W. McKENZIE, '74, began a solo family practice in August in Greensboro after completing a family practice residency there at Moses Cone Memorial Hospital.

H. HAL WHITMAN, III, of Greenwich, CN, is a senior resident in internal medicine at New York-Cornell and will be a rheumatology fellow at the hospital for special surgery beginning in July, 1978. Whitman writes that he and his wife, Susan, miss North Carolina and send their best wishes.

WILLIAM H. KATZ, '74, of Decatur, GA, is a senior resident in Ob-Gyn and will be practicing in Lewiston, ME, beginning next July. He and his wife Joan are expecting their second child in January. Sarah is 24 months old.

ENSER W. COLE, '71, of Severna Park, MD, is in private practice in internal medicine and oncology at Annapolis and a part-time staff member at the Johns Hopkins Oncology Center. He and his wife, Betsy, have three girls, Betty, 4, Christy, 2, and Carrie, two months.

STEPHEN BILLICK, '73, is a psychiatric resident at the University of Pennsylvania where he just bought a small townhouse built in 1812 with English bricks. Last spring, Billick traveled around the world for a last fling before beginning his residency.

DEWEY WALKER, '70, of Denver, CO, is working at Children's Hospital three days a week in child development. Daughter Caroline is four years old and in pre-school.

DAVID F. HAVEMANN, HS, '73-74, of Temple, TX, has completed an internal medicine residency and recently joined the senior staff at the Scott and White Clinic.

JOHN C. HURST, JR., HS, '71-72, completed an Ob-Gyn residency in 1975 before spending two years in the USAF. He is beginning a practice in Birmingham where he is a clinical instructor at the University of Alabama Medical Center.

STEVEN B. LIPPMAN, HS, '76, has begun his second year on the faculty of the University of Louisville School of Medicine. He and his wife are expecting a child in January.

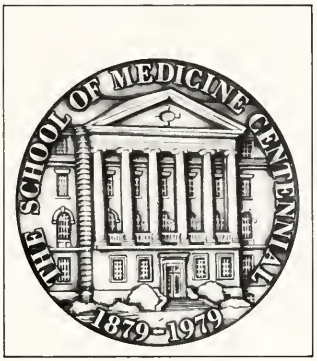
TOM IRONS, '72, wrote that by August of this year, he planned to have started a practice in Raleigh. For the last three years, he lived in Heidelberg, Germany, where he said the "weather is rotten, work is boring," but that he was having a great time.

CHARLES AND JENNIFER MARGOLIS, HS, '74, of Fairfield, OH, moved to Ohio after completing family practice and pediatric residencies in Chapel Hill. Charles is with the Fairfield Medical Group in Fairfield and Jennifer is with Pediatric Associates of Fairfield. They write, "We have bought a new home near where we work, and are expecting our first child in March. We are very pleased with our move and invite any classmates in the area to come and visit us."

Deaths

Edgar T. Beddingfield, Jr., '46 Wilson
James E. Grimes, '50 Fredericksburg, VA

Fund results encouraging



Organization of the 1977 Loyalty Fund drive is nearly completed and early results are encouraging, according to Durwood Tyndall, '54, chairman.

Dr. Tyndall, who came to Chapel Hill recently from his Goldsboro home to spend a day telephoning alumni to recruit leadership help, said 52 persons have accepted invitations to serve as class chairmen.

"These volunteers have, in turn, recruited about 140 class agents to help in solicitation of their classmates," Dr. Tyndall said. He added that special efforts are being made this year to encourage volunteers in the drive to contribute first before soliciting classmates. "These early results are quite encouraging, with $15,790 contributed as of Oct. 31 by the first 209 donors in the drive."

Dr. Tyndall also noted that 58 percent of the early donors joined the Centennial Club of the Loyalty Fund. Centennial Club members are those who contribute at least $100 this year and pledge to give at least $100 next year. These donors will receive special recognition in the *Bulletin* and a handsome commemorative memento of the School's 100th anniversary.

In a recent letter to alumni, Dr. Tyndall made a special plea for Centennial Club participation. "I really feel this is a good chance for us to give back some of what was given to us. I know you pay a tremendous amount of income tax each year. . . . but really give it a thought and see if we can't come across with this.

"I would appreciate each and every one of you becoming a member of the Centennial Club. The Loyalty Fund is one thing. The Centennial Club is Loyalty Fund plus."

Funds contributed to the Loyalty Fund are used for such things as scholarships, general research support, special projects and alumni activities and alumni publications.

Contributions made before December 31, 1977 are tax deductible.

Education programs offer year-round variety

The continuing education program of the UNC School of Medicine offers a variety of in-house programs, scheduled as shown in the calendar on this page.

In addition, the University of North Carolina at Chapel Hill and the Area Health Education Center program (AHEC) offer courses in allied health disciplines in every county throughout the state. During the last fiscal year, nearly 18,500 health professionals attended one or more of the 319 courses offered, 179 of which were in Chapel Hill.

Of those, 104 were medical courses, 36 in Chapel Hill, attended by nearly 5,500 individuals.

Class requirements, credits, registration and fees vary from course to course.

Programs scheduled in the calendar are acceptable for Category I toward the Physicians Recognition Award of the American Medical Association and for credit toward the continuing education requirement of the North Carolina Medical Society.

Individual announcements and programs for each course are available. Registration and fees are required.

Practicing physicians who wish to improve their clinical skills in specific areas may contact the Office of Continuing Education. Physicians may also inquire about daily intra-departmental teaching rounds and conferences.

For more information about local meetings and lectures in your area, contact the regional AHEC office or the Office of Continuing Education, School of Medicine, University of North Carolina at Chapel Hill, 236 MacNider Building, 202H, or call (919) 966-4161.

December

2-3	American College of Physicians, Regional Meeting, 103 Berryhill Hall
4	**Centennial Lecture Series:** "When Medical Education was Beginning in Chapel Hill, 1877-79: The University of North Carolina," 4 p.m. in Hamilton Hall
7	"Biomechanics," Division of Physical Therapy—location to be announced
8-11	"The Knee," Division of Physical Therapy

January, 1978

11	**Centennial Lecture Series,** "When Medical Education was Beginning in Chapel Hill, 1877-79: The Sciences," 7:30 p.m. in Wilson Hall

February

4-5	Anesthesiology Symposium, "Clinical Update in Neuromuscular Blocking Drugs," 103 Berryhill Hall
8	**Centennial Lecture Series:** "When Medical Education was Beginning in Chapel Hill, 1877-79: Hospitals," 7:30 p.m. in the Health Sciences Library

March

8-10	Physical Therapy Workshop, "An Interdisciplinary Approach to Respiratory Care," Carrington Hall
8-11	Internal Medicine 1978, 103 Berryhill Hall
9	**Centennial Lecture Series:** "When Medical Education was Beginning in Chapel Hill, 1877-79: Medical Education," 7:30 p.m., Room 103 Berryhill Hall
30-31	Second Annual Cancer Research Symposium Carolina Inn and Berryhill Hall

April

7	**Centennial Lecture Series:** "When Medical Education was Beginning in Chapel Hill, 1877-79: Medicine," 2 p.m. in the Carolina Inn Ballroom
7-8	**Medical Alumni Association Annual Meeting** Carolina Inn
14-15	Fourth Annual Perinatology Postgraduate Course Berryhill Hall
21-22	Eleventh Annual Malignant Disease Symposium, "Gastrointestinal Malignancy - Update for Practicing Physicians," Berryhill Hall
26	**Centennial Lecture Series:** "When Medical Education was Beginning in Chapel Hill, 1877-79: Dentistry, Public Health, Pharmacy and Nursing," 7:30 p.m. in the School of Public Health Auditorium
28-May 1	Radiology Symposium, "Pediatric Radiology" Berryhill Hall

May

5	**Medical Alumni Association Social Hour**—The Pinehurst North Carolina Medical Society Annual Meeting
17-20	Physical Therapy Short Course in Pediatrics Berryhill Hall
19-20	Fourth Annual Arthritis Symposium, "Cellular Responses in Rheumatic Diseases," 103 Berryhill Hall
22-23	Department of Obstetrics and Gynecology-American College of Gynecology Infertility Symposium, "Advances in Reproductive Endocrinology and Infertility," Great Smokies Hilton, Asheville
Date & Loc. to be announced	"Practical Dermatology for the Non-Dermatologist" Atlantic Beach

Medical Alumni Bulletin
Box 528
N. C. Memorial Hospital 20441
Chapel Hill, N.C. 27514

Nonprofit Organization
U.S. Postage
PAID
Chapel Hill, N.C.
Permit No. 24

HEALTH SCIENCES
LIBRARY
JAN 10 1978

PERIODICALS DEPT
HEALTH SCIENCES LIBRARY 223H
CAMPUS